

James A Russell

List of Publications by Citations

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

97
papers

8,604
citations

37
h-index

92
g-index

121
ext. papers

10,850
ext. citations

8.3
avg, IF

6.21
L-index

#	Paper	IF	Citations
97	Vasopressin versus norepinephrine infusion in patients with septic shock. <i>New England Journal of Medicine</i> , 2008 , 358, 877-87	59.2	1340
96	Fluid resuscitation in septic shock: a positive fluid balance and elevated central venous pressure are associated with increased mortality. <i>Critical Care Medicine</i> , 2011 , 39, 259-65	1.4	979
95	Management of sepsis. <i>New England Journal of Medicine</i> , 2006 , 355, 1699-713	59.2	868
94	The effects of ibuprofen on the physiology and survival of patients with sepsis. The Ibuprofen in Sepsis Study Group. <i>New England Journal of Medicine</i> , 1997 , 336, 912-8	59.2	679
93	Beneficial effects of short-term vasopressin infusion during severe septic shock. <i>Anesthesiology</i> , 2002 , 96, 576-82	4.3	502
92	Physiology of vasopressin relevant to management of septic shock. <i>Chest</i> , 2001 , 120, 989-1002	5.3	496
91	The effects of vasopressin on hemodynamics and renal function in severe septic shock: a case series. <i>Intensive Care Medicine</i> , 2001 , 27, 1416-21	14.5	331
90	Toll-like receptor 1 polymorphisms affect innate immune responses and outcomes in sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 710-20	10.2	226
89	PCSK9 is a critical regulator of the innate immune response and septic shock outcome. <i>Science Translational Medicine</i> , 2014 , 6, 258ra143	17.5	213
88	Interaction of vasopressin infusion, corticosteroid treatment, and mortality of septic shock. <i>Critical Care Medicine</i> , 2009 , 37, 811-8	1.4	185
87	The effects of vasopressin on acute kidney injury in septic shock. <i>Intensive Care Medicine</i> , 2010 , 36, 83-91	14.5	159
86	Guidelines for the Diagnosis and Management of Critical Illness-Related Corticosteroid Insufficiency (CIRCI) in Critically Ill Patients (Part I): Society of Critical Care Medicine (SCCM) and European Society of Intensive Care Medicine (ESICM) 2017. <i>Critical Care Medicine</i> , 2017 , 45, 2078-2088	1.4	140
85	Guidelines for the diagnosis and management of critical illness-related corticosteroid insufficiency (CIRCI) in critically ill patients (Part I): Society of Critical Care Medicine (SCCM) and European Society of Intensive Care Medicine (ESICM) 2017. <i>Intensive Care Medicine</i> , 2017 , 43, 1751-1763	14.5	123
84	Hyperchloremia and moderate increase in serum chloride are associated with acute kidney injury in severe sepsis and septic shock patients. <i>Critical Care</i> , 2016 , 20, 315	10.8	86
83	Interleukin-10 haplotype associated with increased mortality in critically ill patients with sepsis from pneumonia but not in patients with extrapulmonary sepsis. <i>Chest</i> , 2005 , 128, 1690-8	5.3	85
82	An Endotoxin Tolerance Signature Predicts Sepsis and Organ Dysfunction at Initial Clinical Presentation. <i>EBioMedicine</i> , 2014 , 1, 64-71	8.8	84
81	Albumin versus crystalloid for pump priming in cardiac surgery: meta-analysis of controlled trials. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2004 , 18, 429-37	2.1	83

80	The association of interleukin 6 haplotype clades with mortality in critically ill adults. <i>Archives of Internal Medicine</i> , 2005 , 165, 75-82		83
79	Sepsis: frontiers in diagnosis, resuscitation and antibiotic therapy. <i>Intensive Care Medicine</i> , 2016 , 42, 1958-1969	14.5	81
78	Critical illness-related corticosteroid insufficiency (CIRCI): a narrative review from a Multispecialty Task Force of the Society of Critical Care Medicine (SCCM) and the European Society of Intensive Care Medicine (ESICM). <i>Intensive Care Medicine</i> , 2017 , 43, 1781-1792	14.5	77
77	beta2-Adrenergic receptor gene polymorphism is associated with mortality in septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 143-9	10.2	63
76	Lipopolysaccharide Is Cleared from the Circulation by Hepatocytes via the Low Density Lipoprotein Receptor. <i>PLoS ONE</i> , 2016 , 11, e0155030	3.7	63
75	Selepressin, a novel selective vasopressin V agonist, is an effective substitute for norepinephrine in a phase IIa randomized, placebo-controlled trial in septic shock patients. <i>Critical Care</i> , 2017 , 21, 213	10.8	62
74	The cardiopulmonary effects of vasopressin compared with norepinephrine in septic shock. <i>Chest</i> , 2012 , 142, 593-605	5.3	58
73	Protein C -1641 AA is associated with decreased survival and more organ dysfunction in severe sepsis. <i>Critical Care Medicine</i> , 2007 , 35, 12-7	1.4	55
72	Effect of Selepressin vs Placebo on Ventilator- and Vasopressor-Free Days in Patients With Septic Shock: The SEPSIS-ACT Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1476-1485	27.4	54
71	Vasopressin compared with norepinephrine augments the decline of plasma cytokine levels in septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 356-64	10.2	52
70	Vasopressin in vasodilatory and septic shock. <i>Current Opinion in Critical Care</i> , 2007 , 13, 383-91	3.5	50
69	Pathophysiology of Septic Shock. <i>Critical Care Clinics</i> , 2018 , 34, 43-61	4.5	49
68	Heparin-binding protein is important for vascular leak in sepsis. <i>Intensive Care Medicine Experimental</i> , 2016 , 4, 33	3.7	48
67	Leucyl/cystinyl aminopeptidase gene variants in septic shock. <i>Chest</i> , 2011 , 139, 1042-1049	5.3	45
66	The intensive care medicine research agenda on septic shock. <i>Intensive Care Medicine</i> , 2017 , 43, 1294-1305	4.5	44
65	Cholesteryl Ester Transfer Protein Influences High-Density Lipoprotein Levels and Survival in Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 854-862	10.2	44
64	Vasopressin and its immune effects in septic shock. <i>Journal of Innate Immunity</i> , 2010 , 2, 446-60	6.9	43
63	Protein C rs2069912 C allele is associated with increased mortality from severe sepsis in North Americans of East Asian ancestry. <i>Human Genetics</i> , 2008 , 123, 661-3	6.3	43

62	The Septic Shock 3.0 Definition and Trials: A Vasopressin and Septic Shock Trial Experience. <i>Critical Care Medicine</i> , 2017 , 45, 940-948	1.4	41
61	A global perspective on vasoactive agents in shock. <i>Intensive Care Medicine</i> , 2018 , 44, 833-846	14.5	40
60	Elevated Plasma Angiotensin-2 Levels Are Associated With Fluid Overload, Organ Dysfunction, and Mortality in Human Septic Shock. <i>Critical Care Medicine</i> , 2016 , 44, 2018-2027	1.4	37
59	Vasopressin in septic shock: an individual patient data meta-analysis of randomised controlled trials. <i>Intensive Care Medicine</i> , 2019 , 45, 844-855	14.5	36
58	Serious adverse events associated with vasopressin and norepinephrine infusion in septic shock. <i>Critical Care Medicine</i> , 2014 , 42, 1812-20	1.4	36
57	The Central Role of Proprotein Convertase Subtilisin/Kexin Type 9 in Septic Pathogen Lipid Transport and Clearance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 1275-86	10.2	35
56	Association of angiotensin II type 1 receptor-associated protein gene polymorphism with increased mortality in septic shock. <i>Critical Care Medicine</i> , 2011 , 39, 1641-8	1.4	35
55	A single nucleotide polymorphism in NF- κ B inducing kinase is associated with mortality in septic shock. <i>Journal of Immunology</i> , 2011 , 186, 2321-8	5.3	35
54	Critical Illness-Related Corticosteroid Insufficiency (CIRCI): A Narrative Review from a Multispecialty Task Force of the Society of Critical Care Medicine (SCCM) and the European Society of Intensive Care Medicine (ESICM). <i>Critical Care Medicine</i> , 2017 , 45, 2089-2098	1.4	31
53	Cardiac ischemia in patients with septic shock randomized to vasopressin or norepinephrine. <i>Critical Care</i> , 2013 , 17, R117	10.8	31
52	Designing phase 3 sepsis trials: application of learned experiences from critical care trials in acute heart failure. <i>Journal of Intensive Care</i> , 2016 , 4, 24	7	31
51	Heparin-Binding Protein (HBP): A Causative Marker and Potential Target for Heparin Treatment of Human Sepsis-Induced Acute Kidney Injury. <i>Shock</i> , 2017 , 48, 313-320	3.4	30
50	Vasopressor therapy in critically ill patients with shock. <i>Intensive Care Medicine</i> , 2019 , 45, 1503-1517	14.5	30
49	Vasopressin in septic shock. <i>Critical Care Medicine</i> , 2007 , 35, S609-15	1.4	30
48	The meta-genome of sepsis: host genetics, pathogens and the acute immune response. <i>Journal of Innate Immunity</i> , 2014 , 6, 272-83	6.9	26
47	Cytokines and signaling molecules predict clinical outcomes in sepsis. <i>PLoS ONE</i> , 2013 , 8, e79207	3.7	26
46	Molecular mechanisms of sepsis. <i>Contributions To Microbiology</i> , 2011 , 17, 48-85		25
45	Rationale and Design of an Adaptive Phase 2b/3 Clinical Trial of Selepressin for Adults in Septic Shock. Selepressin Evaluation Programme for Sepsis-induced Shock-Adaptive Clinical Trial. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 250-257	4.7	24

44	Plasma cytokine levels predict response to corticosteroids in septic shock. <i>Intensive Care Medicine</i> , 2016 , 42, 1970-1979	14.5	24
43	Association between chronic exposure to air pollution and mortality in the acute respiratory distress syndrome. <i>Environmental Pollution</i> , 2017 , 224, 352-356	9.3	22
42	Inhibition of Cholesteryl Ester Transfer Protein Preserves High-Density Lipoprotein Cholesterol and Improves Survival in Sepsis. <i>Circulation</i> , 2021 , 143, 921-934	16.7	20
41	Decreased left ventricular contractility during porcine endotoxemia is not prevented by ibuprofen. <i>Critical Care Medicine</i> , 1996 , 24, 815-9	1.4	18
40	CETP genetic variant rs1800777 (allele A) is associated with abnormally low HDL-C levels and increased risk of AKI during sepsis. <i>Scientific Reports</i> , 2018 , 8, 16764	4.9	18
39	Days alive and free as an alternative to a mortality outcome in pivotal vasopressor and septic shock trials. <i>Journal of Critical Care</i> , 2018 , 47, 333-337	4	18
38	Inotropes and vasopressors: more than haemodynamics!. <i>British Journal of Pharmacology</i> , 2012 , 165, 2009-11	8.6	16
37	Early Liberal Fluids for Sepsis Patients Are Harmful. <i>Critical Care Medicine</i> , 2016 , 44, 2258-2262	1.4	16
36	Short-Term Organ Dysfunction Is Associated With Long-Term (10-Yr) Mortality of Septic Shock. <i>Critical Care Medicine</i> , 2016 , 44, e728-36	1.4	15
35	Genetic Polymorphisms in Sepsis and Cardiovascular Disease: Do Similar Risk Genes Suggest Similar Drug Targets?. <i>Chest</i> , 2019 , 155, 1260-1271	5.3	15
34	Advances in Sepsis Research. <i>Clinics in Chest Medicine</i> , 2015 , 36, 521-30	5.3	13
33	Reduced Proprotein convertase subtilisin/kexin 9 (PCSK9) function increases lipoteichoic acid clearance and improves outcomes in Gram positive septic shock patients. <i>Scientific Reports</i> , 2019 , 9, 10588	4.9	11
32	Genomics and pharmacogenomics of sepsis: so close and yet so far. <i>Critical Care</i> , 2016 , 20, 185	10.8	11
31	Is Heparin-Binding Protein Inhibition a Mechanism of Albumin [®] Efficacy in Human Septic Shock?. <i>Critical Care Medicine</i> , 2018 , 46, e364-e374	1.4	10
30	Vasopressors During Sepsis: Selection and Targets. <i>Clinics in Chest Medicine</i> , 2016 , 37, 251-62	5.3	10
29	The Understanding and Management of Organism Toxicity in Septic Shock. <i>Journal of Innate Immunity</i> , 2018 , 10, 502-514	6.9	10
28	Acute Cardiac Injury in Coronavirus Disease 2019 and Other Viral Infections-A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2021 , 49, 1558-1566	1.4	10
27	Angiotensin II for the Treatment of High-Output Shock 3 (ATHOS-3): protocol for a phase III, double-blind, randomised controlled trial. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2017 , 19, 43-49	2.8	10

26	Gene expression in human sepsis: what have we learned?. <i>Critical Care</i> , 2011 , 15, 121	10.8	9
25	Very Low Density Lipoprotein Receptor Sequesters Lipopolysaccharide Into Adipose Tissue During Sepsis. <i>Critical Care Medicine</i> , 2020 , 48, 41-48	1.4	9
24	Vasopressin versus norepinephrine in septic shock: a propensity score matched efficiency retrospective cohort study in the VASST coordinating center hospital. <i>Journal of Intensive Care</i> , 2018 , 6, 73	7	7
23	Early May Be Better: Early Low-Dose Norepinephrine in Septic Shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1049-1051	10.2	5
22	Potential for overuse of corticosteroids and vasopressin in septic shock. <i>Critical Care</i> , 2012 , 16, 447	10.8	5
21	Angiotensin Receptor Blockers and Angiotensin-Converting Enzyme Inhibitors in COVID-19: Meta-analysis/Meta-regression Adjusted for Confounding Factors. <i>CJC Open</i> , 2021 , 3, 965-975	2	5
20	Vasopressor Therapy in the Intensive Care Unit. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021 , 42, 59-77	3.9	5
19	Current practice and evolving concepts in septic shock resuscitation.. <i>Intensive Care Medicine</i> , 2021 , 48, 148	14.5	5
18	Intensive care medicine in 2050: vasopressors in sepsis. <i>Intensive Care Medicine</i> , 2018 , 44, 1130-1132	14.5	4
17	Noncanonical Nuclear Factor Kappa B (NF- κ B) Signaling and Potential for Therapeutics in Sepsis. <i>Current Infectious Disease Reports</i> , 2013 , 15, 364-71	3.9	4
16	Longitudinal Plasma Proteomics Analysis Reveals Novel Candidate Biomarkers in Acute COVID-19.. <i>Journal of Proteome Research</i> , 2022 ,	5.6	4
15	Activated protein C as disease-modifying therapy in antenatal preeclampsia: An open-label, single arm safety and efficacy trial. <i>Pregnancy Hypertension</i> , 2018 , 13, 121-126	2.6	3
14	Study protocol for a multicentre, prospective cohort study of the association of angiotensin II type 1 receptor blockers on outcomes of coronavirus infection. <i>BMJ Open</i> , 2020 , 10, e040768	3	3
13	Toward Increased Understanding of the Steroid Controversy in Septic Shock. <i>Critical Care Medicine</i> , 2019 , 47, 1677-1679	1.4	3
12	Sustained Dysregulation of the Plasma Renin-angiotensin System in Acute COVID-19		3
11	Pharmacogenomic biomarkers do not predict response to drotrecogin alfa in patients with severe sepsis. <i>Annals of Intensive Care</i> , 2018 , 8, 16	8.9	2
10	Prolonged QTc affects short-term and long-term outcomes in patients with normal left ventricular function undergoing cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1627-33	1.5	2
9	Assessing the Course of Organ Dysfunction Using Joint Longitudinal and Time-to-Event Modeling in the Vasopressin and Septic Shock Trial 2020 , 2, e0104		1

8	Trials in adult critical care that show increased mortality of the new intervention: Inevitable or preventable mishaps?. <i>Annals of Intensive Care</i> , 2016 , 6, 17	8.9	1
7	Organ dysfunction and death in patients admitted to hospital with COVID-19 in pandemic waves 1 to 3 in British Columbia, Ontario and Quebec, Canada: a cohort study.. <i>CMAJ Open</i> , 2022 , 10, E379-E389	2.5	1
6	The Specific Organism: Not Bacterial Gram Type: Drives the Inflammatory Response in Septic Shock. <i>Journal of Innate Immunity</i> , 2020 , 12, 182-190	6.9	0
5	How have genomics informed our understanding of critical illness? 2020 , 23-35.e1		
4	In Reply. <i>Anesthesiology</i> , 2018 , 128, 230-231	4.3	
3	Pharmacogenomics in sepsis and septic shock. <i>Drug Development Research</i> , 2005 , 64, 181-194	5.1	
2	Improving Bed Utilization in a Cohort of Bariatric Surgical Patients Using a Perioperative Obstructive Sleep Apnea Treatment and Bed Triage Protocol.. <i>Obesity Surgery</i> , 2022 , 1	3.7	
1	Virus Meets Host: SARS-CoV-2 Pathogenesis. <i>World Scientific Series in Global Healthcare Economics and Public Policy</i> , 2022 , 35-49	0.2	