

John Myburgh

List of Publications by Year in Descending Order

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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.

98
papers

13,726
citations

35
h-index

110
g-index

110
ext. papers

16,884
ext. citations

13.3
avg, IF

5.73
L-index

#	Paper	IF	Citations
98	Balanced Multielectrolyte Solution versus Saline in Critically Ill Adults.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	18
97	Balanced Crystalloids versus Saline in Critically Ill Adults [A Systematic Review with Meta-Analysis 2022 , 1,		6
96	The relationship between adrenocortical candidate gene expression and clinical response to hydrocortisone in patients with septic shock. <i>Intensive Care Medicine</i> , 2021 , 47, 974-983	14.5	2
95	An evaluation of factors that may influence clinicians' decisions not to enroll eligible patients into randomized trials in critical care. <i>PLoS ONE</i> , 2021 , 16, e0255361	3.7	1
94	An international comparison of the cost of fluid resuscitation therapies. <i>Australian Critical Care</i> , 2021 , 34, 23-32	2.9	3
93	Does asymmetry in patient recruitment in large critical care trials follow the Pareto principle?. <i>Trials</i> , 2020 , 21, 378	2.8	5
92	Plasma Cortisol, Aldosterone, and Ascorbic Acid Concentrations in Patients with Septic Shock Do Not Predict Treatment Effect of Hydrocortisone on Mortality. A Nested Cohort Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 700-707	10.2	4
91	Comparison of echocardiographic and invasive measures of volaemia and cardiac performance in critically ill patients. <i>Scientific Reports</i> , 2020 , 10, 4863	4.9	5
90	Health-related quality of life in survivors of septic shock: 6-month follow-up from the ADRENAL trial. <i>Intensive Care Medicine</i> , 2020 , 46, 1696-1706	14.5	7
89	Effects of low-dose hydrocortisone and hydrocortisone plus fludrocortisone in adults with septic shock: a protocol for a systematic review and meta-analysis of individual participant data. <i>BMJ Open</i> , 2020 , 10, e040931	3	0
88	Septic Shock: A Genomewide Association Study and Polygenic Risk Score Analysis. <i>Twin Research and Human Genetics</i> , 2020 , 23, 204-213	2.2	1
87	An evaluation of the quality and impact of the global research response to the COVID-19 pandemic. <i>Medical Journal of Australia</i> , 2020 , 213, 380-380.e1	4	5
86	Adverse effects of bolus fluid resuscitation-short-term benefit but long-term harm. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 555-556	35.1	
85	Red blood cell transfusion in critically ill patients with traumatic brain injury: an international survey of physicians' attitudes. <i>Canadian Journal of Anaesthesia</i> , 2019 , 66, 1038-1048	3	3
84	Hydrocortisone Compared with Placebo in Patients with Septic Shock Satisfying the Sepsis-3 Diagnostic Criteria and APROCCHSS Study Inclusion Criteria: A Post Hoc Analysis of the ADRENAL Trial. <i>Anesthesiology</i> , 2019 , 131, 1292-1300	4.3	6
83	Sex and mortality in septic severe acute kidney injury. <i>Journal of Critical Care</i> , 2019 , 49, 70-76	4	8
82	Foresight over hindsight: Mandatory publication of clinical research protocols prior to conduct. <i>Acta Anaesthesiologica Scandinavica</i> , 2019 , 63, 267-269	1.9	1

81	Long-Term Outcomes of the ADRENAL Trial. <i>New England Journal of Medicine</i> , 2018 , 378, 1744-1745	59.2	18
80	Hydroxyethyl starch solutions and patient harm. <i>Lancet, The</i> , 2018 , 391, 736	40	34
79	Adjunctive Glucocorticoid Therapy in Patients with Septic Shock. <i>New England Journal of Medicine</i> , 2018 , 378, 797-808	59.2	433
78	Intravenous fluid therapy in critically ill adults. <i>Nature Reviews Nephrology</i> , 2018 , 14, 541-557	14.9	63
77	Should hydroxyethyl starch be banned? - AuthorsReply. <i>Lancet, The</i> , 2018 , 392, 119	40	1
76	Renal replacement therapy intensity for acute kidney injury and recovery to dialysis independence: a systematic review and individual patient data meta-analysis. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 1017-1024	4.3	19
75	Higher versus Lower Continuous Renal Replacement Therapy Intensity in Critically ill Patients with Liver Dysfunction. <i>Blood Purification</i> , 2018 , 45, 36-43	3.1	11
74	White paper: statement on conflicts of interest. <i>Intensive Care Medicine</i> , 2018 , 44, 1657-1668	14.5	4
73	Glucocorticoids with or without Fludrocortisone in Septic Shock. <i>New England Journal of Medicine</i> , 2018 , 379, 895	59.2	2
72	Population pharmacokinetics of intravenous paracetamol in critically ill patients with traumatic brain injury. <i>Journal of Critical Care</i> , 2018 , 47, 15-20	4	3
71	Low-dose corticosteroids for adult patients with septic shock: a systematic review with meta-analysis and trial sequential analysis. <i>Intensive Care Medicine</i> , 2018 , 44, 1003-1016	14.5	95
70	Health-related outcomes of critically ill patients with and without sepsis. <i>Intensive Care Medicine</i> , 2018 , 44, 1249-1257	14.5	18
69	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Intensive Care Medicine</i> , 2017 , 43, 304-377	14.5	3178
68	Association between augmented renal clearance and clinical outcomes in patients receiving β -lactam antibiotic therapy by continuous or intermittent infusion: a nested cohort study of the BLING-II randomised, placebo-controlled, clinical trial. <i>International Journal of Antimicrobial Agents</i> , 2017 , 49, 624-630	14.3	56
67	The intensive care medicine research agenda on septic shock. <i>Intensive Care Medicine</i> , 2017 , 43, 1294-1305	14.5	44
66	Current research priorities in perioperative intensive care medicine. <i>Intensive Care Medicine</i> , 2017 , 43, 1173-1186	14.5	12
65	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Critical Care Medicine</i> , 2017 , 45, 486-552	1.4	1683
64	Patterns of intravenous fluid resuscitation use in adult intensive care patients between 2007 and 2014: An international cross-sectional study. <i>PLoS ONE</i> , 2017 , 12, e0176292	3.7	59

63	Publication of Secondary Analyses from Randomized Trials in Critical Care. <i>New England Journal of Medicine</i> , 2016 , 375, 2105-2106	59.2	5
62	Epidemiology of RBC Transfusions in Patients With Severe Acute Kidney Injury: Analysis From the Randomized Evaluation of Normal Versus Augmented Level Study. <i>Critical Care Medicine</i> , 2016 , 44, 892-900	11.4	7
61	End-of-life care in the intensive care unit: Report from the Task Force of World Federation of Societies of Intensive and Critical Care Medicine. <i>Journal of Critical Care</i> , 2016 , 34, 125-30	4	66
60	Triage decisions for ICU admission: Report from the Task Force of the World Federation of Societies of Intensive and Critical Care Medicine. <i>Journal of Critical Care</i> , 2016 , 36, 301-305	4	69
59	Continuous versus Intermittent β -Lactam Infusion in Severe Sepsis. A Meta-analysis of Individual Patient Data from Randomized Trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 681-91	10.2	192
58	Should β -lactam antibiotics be administered by continuous infusion in critically ill patients? A survey of Australia and New Zealand intensive care unit doctors and pharmacists. <i>International Journal of Antimicrobial Agents</i> , 2016 , 47, 436-8	14.3	13
57	Sepsis: frontiers in diagnosis, resuscitation and antibiotic therapy. <i>Intensive Care Medicine</i> , 2016 , 42, 1958-1968	14.9	81
56	Hydroxyethyl starch versus saline for resuscitation of patients in intensive care: long-term outcomes and cost-effectiveness analysis of a cohort from CHEST. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 818-825	35.1	18
55	Early temperature and mortality in critically ill patients with acute neurological diseases: trauma and stroke differ from infection. <i>Intensive Care Medicine</i> , 2015 , 41, 823-32	14.5	69
54	A Multicenter Randomized Trial of Continuous versus Intermittent β -Lactam Infusion in Severe Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 1298-305	10.2	147
53	Intensive versus conventional glucose control in critically ill patients with traumatic brain injury: long-term follow-up of a subgroup of patients from the NICE-SUGAR study. <i>Intensive Care Medicine</i> , 2015 , 41, 1037-47	14.5	81
52	Health-related quality of life in survivors of acute kidney injury: The Prolonged Outcomes Study of the Randomized Evaluation of Normal versus Augmented Level Replacement Therapy study outcomes. <i>Nephrology</i> , 2015 , 20, 492-8	2.2	23
51	Ten Short-lived Beliefs in intensive care medicine. <i>Intensive Care Medicine</i> , 2015 , 41, 1703-6	14.5	7
50	Acetaminophen for Fever in Critically Ill Patients with Suspected Infection. <i>New England Journal of Medicine</i> , 2015 , 373, 2215-24	59.2	112
49	Effect of a Buffered Crystalloid Solution vs Saline on Acute Kidney Injury Among Patients in the Intensive Care Unit: The SPLIT Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 1701-10	27.4	423
48	A Randomized Study of a Single Dose of Intramuscular Cholecalciferol in Critically Ill Adults. <i>Critical Care Medicine</i> , 2015 , 43, 2313-20	1.4	35
47	The Effect of Paracetamol on Core Body Temperature in Acute Traumatic Brain Injury: A Randomised, Controlled Clinical Trial. <i>PLoS ONE</i> , 2015 , 10, e0144740	3.7	16
46	A multicentre audit of temperature patterns after traumatic brain injury. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2015 , 17, 129-34	2.8	1

45	Hydroxyethyl starch: putting patient safety first. <i>Intensive Care Medicine</i> , 2014 , 40, 256-9	14.5	17
44	Calorie intake and patient outcomes in severe acute kidney injury: findings from The Randomized Evaluation of Normal vs. Augmented Level of Replacement Therapy (RENAL) study trial. <i>Critical Care</i> , 2014 , 18, R45	10.8	31
43	Acute costs and predictors of higher treatment costs of trauma in New South Wales, Australia. <i>Injury</i> , 2014 , 45, 279-84	2.5	20
42	Daily protein intake and patient outcomes in severe acute kidney injury: findings of the randomized evaluation of normal versus augmented level of replacement therapy (RENAL) trial. <i>Blood Purification</i> , 2014 , 37, 325-34	3.1	18
41	Long-term survival and dialysis dependency following acute kidney injury in intensive care: extended follow-up of a randomized controlled trial. <i>PLoS Medicine</i> , 2014 , 11, e1001601	11.6	88
40	Open Letter to the Executive Director of the European Medicines Agency concerning the licensing of hydroxyethyl starch solutions for fluid resuscitation. <i>Acta Anaesthesiologica Scandinavica</i> , 2014 , 58, 365-70	1.9	1
39	Mortality in patients with hypovolemic shock treated with colloids or crystalloids. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 1067-8	27.4	5
38	Early acid-base and blood pressure effects of continuous renal replacement therapy intensity in patients with metabolic acidosis. <i>Intensive Care Medicine</i> , 2013 , 39, 429-36	14.5	26
37	Significant perturbation of vitamin D-parathyroid-calcium axis and adverse clinical outcomes in critically ill patients. <i>Intensive Care Medicine</i> , 2013 , 39, 267-74	14.5	71
36	Causes of death after fluid bolus resuscitation: new insights from FEAST. <i>BMC Medicine</i> , 2013 , 11, 67	11.4	28
35	New insights into fluid resuscitation. <i>Intensive Care Medicine</i> , 2013 , 39, 998-1001	14.5	5
34	Fluid resuscitation with 6 % hydroxyethyl starch (130/0.4 and 130/0.42) in acutely ill patients: systematic review of effects on mortality and treatment with renal replacement therapy. <i>Intensive Care Medicine</i> , 2013 , 39, 558-68	14.5	115
33	Reply to Soman et al. <i>Clinical Infectious Diseases</i> , 2013 , 57, 323-4	11.6	
32	Albumin resuscitation for traumatic brain injury: is intracranial hypertension the cause of increased mortality?. <i>Journal of Neurotrauma</i> , 2013 , 30, 512-8	5.4	105
31	Continuous infusion of beta-lactam antibiotics in severe sepsis: a multicenter double-blind, randomized controlled trial. <i>Clinical Infectious Diseases</i> , 2013 , 56, 236-44	11.6	250
30	Advances in fluid resuscitation in critically ill patients: implications for clinical practice. <i>Current Opinion in Critical Care</i> , 2013 , 19, 279-81	3.5	3
29	Patient-centered outcomes and trials of hydroxyethyl starch. <i>Critical Care</i> , 2013 , 17, 452	10.8	2
28	ACP Journal Club. Review: hydroxyethyl starch increases mortality and acute kidney injury in critically ill patients. <i>Annals of Internal Medicine</i> , 2013 , 158, JC4	8	

27	The ADRENAL study protocol: adjunctive corticosteroid treatment in critically ill patients with septic shock. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2013 , 15, 83-8	2.8	15
26	Early peak temperature and mortality in critically ill patients with or without infection. <i>Intensive Care Medicine</i> , 2012 , 38, 437	14.5	117
25	The cost-effectiveness of physician staffed Helicopter Emergency Medical Service (HEMS) transport to a major trauma centre in NSW, Australia. <i>Injury</i> , 2012 , 43, 1843-9	2.5	46
24	The variation of acute treatment costs of trauma in high-income countries. <i>BMC Health Services Research</i> , 2012 , 12, 267	2.9	30
23	Primary scene responses by Helicopter Emergency Medical Services in New South Wales Australia 2008-2009. <i>BMC Health Services Research</i> , 2012 , 12, 402	2.9	13
22	A multicentre evaluation of two intensive care unit triage protocols for use in an influenza pandemic. <i>Medical Journal of Australia</i> , 2012 , 197, 178-81	4	19
21	Fluid resuscitation with 6% hydroxyethyl starch (130/0.4) in acutely ill patients: an updated systematic review and meta-analysis. <i>Anesthesia and Analgesia</i> , 2012 , 114, 159-69	3.9	76
20	An observational study fluid balance and patient outcomes in the Randomized Evaluation of Normal vs. Augmented Level of Replacement Therapy trial. <i>Critical Care Medicine</i> , 2012 , 40, 1753-60	1.4	698
19	An investigation into the cost, coverage and activities of Helicopter Emergency Medical Services in the state of New South Wales, Australia. <i>Injury</i> , 2011 , 42, 1088-94	2.5	24
18	Impact of albumin compared to saline on organ function and mortality of patients with severe sepsis. <i>Intensive Care Medicine</i> , 2011 , 37, 86-96	14.5	251
17	Injury in China: a systematic review of injury surveillance studies conducted in Chinese hospital emergency departments. <i>BMC Emergency Medicine</i> , 2011 , 11, 18	2.4	7
16	The status of trauma registry systems in Chinese hospitals. <i>Injury Prevention</i> , 2011 , 17, 419-21	3.2	6
15	Intensities of renal replacement therapy in acute kidney injury: a systematic review and meta-analysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010 , 5, 956-63	6.9	60
14	Resuscitation fluid use in critically ill adults: an international cross-sectional study in 391 intensive care units. <i>Critical Care</i> , 2010 , 14, R185	10.8	257
13	Norepinephrine: more of a neurohormone than a vasopressor. <i>Critical Care</i> , 2010 , 14, 196	10.8	6
12	Screening and study enrolment in the Randomized Evaluation of Normal vs. Augmented Level (RENAL) Replacement Therapy Trial. <i>Blood Purification</i> , 2009 , 27, 199-205	3.1	13
11	Intensity of continuous renal-replacement therapy in critically ill patients. <i>New England Journal of Medicine</i> , 2009 , 361, 1627-38	59.2	996
10	Design and challenges of the Randomized Evaluation of Normal versus Augmented Level Replacement Therapy (RENAL) Trial: high-dose versus standard-dose hemofiltration in acute renal failure. <i>Blood Purification</i> , 2008 , 26, 407-16	3.1	19

9	What conclusions should be drawn between critical care physician management and patient mortality in the intensive care unit?. <i>Annals of Internal Medicine</i> , 2008 , 149, 770-1; author reply 772	8	2
8	Saline or albumin for fluid resuscitation in patients with traumatic brain injury. <i>New England Journal of Medicine</i> , 2007 , 357, 874-84	59.2	593
7	Albumin supplementation and organ function. <i>Critical Care Medicine</i> , 2007 , 35, 987-8	1.4	4
6	Effect of baseline serum albumin concentration on outcome of resuscitation with albumin or saline in patients in intensive care units: analysis of data from the saline versus albumin fluid evaluation (SAFE) study. <i>BMJ, The</i> , 2006 , 333, 1044	5.9	126
5	Estimate of the number of patients eligible for treatment with drotrecogin alfa (activated) based on differing international indications: post-hoc analysis of an inception cohort study in Australia and New Zealand. <i>Anaesthesia and Intensive Care</i> , 2006 , 34, 184-90	1.1	1
4	Thromboprophylaxis for intensive care patients in Australia and New Zealand: a brief survey report. <i>Journal of Critical Care</i> , 2005 , 20, 354-6	4	7
3	A comparison of albumin and saline for fluid resuscitation in the intensive care unit. <i>New England Journal of Medicine</i> , 2004 , 350, 2247-56	59.2	2053
2	Adult-population incidence of severe sepsis in Australian and New Zealand intensive care units. <i>Intensive Care Medicine</i> , 2004 , 30, 589-96	14.5	296
1	Balanced crystalloids compared to normal saline for fluid therapy in critically ill adult patients: Systematic review and meta-analysis protocol		1