

Brian W Roberts

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,339
citations

257450

24
h-index

214800

47
g-index

68
all docs

68
docs citations

68
times ranked

2592
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term survival of critically ill patients treated with prolonged mechanical ventilation: a systematic review and meta-analysis. <i>Lancet Respiratory Medicine</i> , 2015, 3, 544-553.	10.7	209
2	Association Between Postresuscitation Partial Pressure of Arterial Carbon Dioxide and Neurological Outcome in Patients With Post-Cardiac Arrest Syndrome. <i>Circulation</i> , 2013, 127, 2107-2113.	1.6	175
3	Association Between Early Hyperoxia Exposure After Resuscitation From Cardiac Arrest and Neurological Disability. <i>Circulation</i> , 2018, 137, 2114-2124.	1.6	157
4	Curricula for empathy and compassion training in medical education: A systematic review. <i>PLoS ONE</i> , 2019, 14, e0221412.	2.5	154
5	Multiple Organ Dysfunction After Return of Spontaneous Circulation in Postcardiac Arrest Syndrome. <i>Critical Care Medicine</i> , 2013, 41, 1492-1501.	0.9	135
6	Arterial Blood Pressure and Neurologic Outcome After Resuscitation From Cardiac Arrest*. <i>Critical Care Medicine</i> , 2014, 42, 2083-2091.	0.9	125
7	Early arterial hypotension is common in the post-cardiac arrest syndrome and associated with increased in-hospital mortality. <i>Resuscitation</i> , 2008, 79, 410-416.	3.0	121
8	Practice Patterns and Outcomes Associated With Early Sedation Depth in Mechanically Ventilated Patients: A Systematic Review and Meta-Analysis*. <i>Critical Care Medicine</i> , 2018, 46, 471-479.	0.9	105
9	Emergency department hyperoxia is associated with increased mortality in mechanically ventilated patients: a cohort study. <i>Critical Care</i> , 2018, 22, 9.	5.8	94
10	Compassionomics: Hypothesis and experimental approach. <i>Medical Hypotheses</i> , 2017, 107, 92-97.	1.5	84
11	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.	0.9	71
12	Use of a Standardized Order Set for Achieving Target Temperature in the Implementation of Therapeutic Hypothermia after Cardiac Arrest: A Feasibility Study. <i>Academic Emergency Medicine</i> , 2008, 15, 499-505.	1.8	68
13	Effects of PaCO ₂ derangements on clinical outcomes after cerebral injury: A systematic review. <i>Resuscitation</i> , 2015, 91, 32-41.	3.0	62
14	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.	3.0	50
15	Analgesia Practices and the Impact of Sedation Depth on Clinical Outcomes Among Patients Requiring Mechanical Ventilation in the ED. <i>Chest</i> , 2017, 152, 963-971.	0.8	48
16	Healthcare provider compassion is associated with lower PTSD symptoms among patients with life-threatening medical emergencies: a prospective cohort study. <i>Intensive Care Medicine</i> , 2019, 45, 815-822.	8.2	43
17	Nitric Oxide Donor Agents for the Treatment of Ischemia/Reperfusion Injury in Human Subjects. <i>Shock</i> , 2013, 39, 229-239.	2.1	41
18	The ED-SED Study: A Multicenter, Prospective Cohort Study of Practice Patterns and Clinical Outcomes Associated With Emergency Department Sedation for Mechanically Ventilated Patients. <i>Critical Care Medicine</i> , 2019, 47, 1539-1548.	0.9	39

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19	Pulmonary Mechanics and Mortality in Mechanically Ventilated Patients Without Acute Respiratory Distress Syndrome: A Cohort Study. <i>Shock</i> , 2018, 49, 311-316.	2.1	37
20	Association between initial prescribed minute ventilation and post-resuscitation partial pressure of arterial carbon dioxide in patients with post-cardiac arrest syndrome. <i>Annals of Intensive Care</i> , 2014, 4, 9.	4.6	36
21	Association between chest compression rates and clinical outcomes following in-hospital cardiac arrest at an academic tertiary hospital. <i>Resuscitation</i> , 2017, 110, 154-161.	3.0	36
22	Effect of Levocarnitine vs Placebo as an Adjunctive Treatment for Septic Shock. <i>JAMA Network Open</i> , 2018, 1, e186076.	5.9	35
23	Early Interventions for the Prevention of Posttraumatic Stress Symptoms in Survivors of Critical Illness: A Qualitative Systematic Review. <i>Critical Care Medicine</i> , 2018, 46, 1328-1333.	0.9	29
24	The ED-AWARENESS Study: A Prospective, Observational Cohort Study of Awareness With Paralysis in Mechanically Ventilated Patients Admitted From the Emergency Department. <i>Annals of Emergency Medicine</i> , 2021, 77, 532-544.	0.6	29
25	Therapeutic hypothermia and vasopressor dependency after cardiac arrest. <i>Resuscitation</i> , 2013, 84, 331-336.	3.0	27
26	Development and Validation of a Tool to Measure Patient Assessment of Clinical Compassion. <i>JAMA Network Open</i> , 2019, 2, e193976.	5.9	27
27	Emergency physician stressors, concerns, and behavioral changes during COVID-19: A longitudinal study. <i>Academic Emergency Medicine</i> , 2021, 28, 314-324.	1.8	26
28	Socioeconomic, racial and ethnic differences in patient experience of clinician empathy: Results of a systematic review and meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0247259.	2.5	25
29	Ketamine sedation in mechanically ventilated patients: A systematic review and meta-analysis. <i>Journal of Critical Care</i> , 2020, 56, 80-88.	2.2	24
30	Cross-sectional assessment of patient attitudes towards participation in clinical trials: does making results publicly available matter?. <i>BMJ Open</i> , 2016, 6, e013649.	1.9	20
31	Income Disparities and Nonresponse Bias in Surveys of Patient Experience. <i>Journal of General Internal Medicine</i> , 2020, 35, 2217-2218.	2.6	19
32	Outcome measures utilized in clinical trials of interventions for post-cardiac arrest syndrome: A systematic review. <i>Resuscitation</i> , 2009, 80, 617-623.	3.0	16
33	Association Between Partial Pressure of Arterial Carbon Dioxide and Survival to Hospital Discharge Among Patients Diagnosed With Sepsis in the Emergency Department. <i>Critical Care Medicine</i> , 2018, 46, e213-e220.	0.9	15
34	Emergency Department inter-hospital transfer for post-cardiac arrest care: Initial experience with implementation of a regional cardiac resuscitation center in the United States. <i>Resuscitation</i> , 2013, 84, 596-601.	3.0	13
35	Awareness With Paralysis in Mechanically Ventilated Patients in the Emergency Department and ICU: A Systematic Review and Meta-Analysis*. <i>Critical Care Medicine</i> , 2021, 49, e304-e314.	0.9	12
36	The Feasibility of Implementing Targeted Sedation in Mechanically Ventilated Emergency Department Patients: The ED-SED Pilot Trial*. <i>Critical Care Medicine</i> , 2022, 50, 1224-1235.	0.9	10

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37	Partial pressure of arterial carbon dioxide and survival to hospital discharge among patients requiring acute mechanical ventilation: A cohort study. <i>Journal of Critical Care</i> , 2017, 41, 29-35.	2.2	9
38	Curricula and methods for physician compassion training: protocol for a systematic review. <i>BMJ Open</i> , 2018, 8, e024320.	1.9	9
39	Clinical characteristics and symptom duration among outpatients with COVID-19. <i>American Journal of Infection Control</i> , 2022, 50, 383-389.	2.3	9
40	Protocol for a multicentre, prospective cohort study of practice patterns and clinical outcomes associated with emergency department sedation for mechanically ventilated patients: the ED-SED Study. <i>BMJ Open</i> , 2018, 8, e023423.	1.9	8
41	Validation of a 5-item tool to measure patient assessment of clinician compassion in the emergency department. <i>BMC Emergency Medicine</i> , 2019, 19, 63.	1.9	8
42	Association Between Perceived Threat and the Development of Posttraumatic Stress Disorder Symptoms in Patients With Life-threatening Medical Emergencies. <i>Academic Emergency Medicine</i> , 2020, 27, 109-116.	1.8	8
43	Awareness and bispectral index (BIS) monitoring in mechanically ventilated patients in the emergency department and intensive care unit: a systematic review protocol. <i>BMJ Open</i> , 2020, 10, e034673.	1.9	8
44	Delays in reporting and publishing trial results during pandemics: cross sectional analysis of 2009 H1N1, 2014 Ebola, and 2016 Zika clinical trials. <i>BMC Medical Research Methodology</i> , 2021, 21, 120.	3.1	8
45	Cardiovascular effects of therapeutic hypothermia after resuscitation from cardiac arrest?*. <i>Critical Care Medicine</i> , 2010, 38, 2264-2265.	0.9	6
46	Systemic Inflammatory Response After Cardiac Arrest. <i>Critical Care Medicine</i> , 2015, 43, 1336-1337.	0.9	6
47	Racial and socioeconomic disparities in patient experience of clinician empathy: a protocol for systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e034247.	1.9	6
48	Protocol for a prospective, observational cohort study of awareness in mechanically ventilated patients admitted from the emergency department: the ED-AWARENESS study. <i>BMJ Open</i> , 2019, 9, e033379.	1.9	5
49	Validation of a 5-Item Tool to Measure Patient Assessment of Clinician Compassion in Hospitals. <i>Journal of General Internal Medicine</i> , 2022, 37, 1697-1703.	2.6	5
50	Early interventions for the prevention of post-traumatic stress symptoms in survivors of critical illness: protocol for a systematic review. <i>BMJ Open</i> , 2017, 7, e018270.	1.9	3
51	A study protocol for a multicentre, prospective, before-and-after trial evaluating the feasibility of implementing targeted SEDation after initiation of mechanical ventilation in the emergency department (The ED-SED Pilot Trial). <i>BMJ Open</i> , 2020, 10, e041987.	1.9	3
52	Practice patterns and outcomes associated with early sedation depth in mechanically ventilated patients: a systematic review protocol. <i>BMJ Open</i> , 2017, 7, e016437.	1.9	2
53	Response by Roberts et al to Letters Regarding Article, "Association Between Early Hyperoxia Exposure After Resuscitation From Cardiac Arrest and Neurological Disability: Prospective Multicenter Protocol-Directed Cohort Study". <i>Circulation</i> , 2018, 138, 2864-2865.	1.6	2
54	Effects of hypercapnia in sepsis: protocol for a systematic review of clinical and preclinical data. <i>Systematic Reviews</i> , 2018, 7, 171.	5.3	2

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55	Effects of hypercapnia in sepsis: A scoping review of clinical and pre-clinical data. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 430-437.	1.6	2
56	The Use of Dexmedetomidine in the Emergency Department: A Cohort Study. <i>Western Journal of Emergency Medicine</i> , 2021, 22, 1202-1209.	1.1	2
57	Posttraumatic stress disorder symptoms after respiratory and cardiovascular emergencies predict risk of hospital readmission: A prospective cohort study. <i>Academic Emergency Medicine</i> , 2022, 29, 598-605.	1.8	2
58	The AIR-SED Study: A Multicenter Cohort Study of SEDation Practices, Deep Sedation, and Coma Among Mechanically Ventilated AIR Transport Patients. , 2021, 3, e0597.		2
59	Comparison of knee arthrocentesis first-attempt success between Ultrasound-Guided, Ultrasound-Localised and Landmark-Guided techniques in the novice: A crossover study with random order of events. <i>Australasian Journal of Ultrasound in Medicine</i> , 2022, 25, 74-79.	0.6	2
60	Incidence and significance of injuries on secondary CT imaging after initial selective imaging in blunt trauma patients. <i>American Journal of Emergency Medicine</i> , 2020, 38, 1588-1593.	1.6	1
61	COVID-19 Serologic Testing Among the Highest Risk Healthcare Workers. <i>Journal of General Internal Medicine</i> , 2021, 36, 1164-1165.	2.6	1
62	Preconsultation compassion intervention to reduce anxiety among patients referred to a cancer center: protocol for a randomised control trial. <i>BMJ Open</i> , 2021, 11, e048201.	1.9	1
63	Mechanical Ventilation Practices and Low Tidal Volume Ventilation in Air Medical Transport Patients: The AIR-VENT Study. <i>Respiratory Care</i> , 2022, 67, 647-656.	1.6	1
64	Response to Letter Regarding Article, "Association Between Postresuscitation Partial Pressure of Arterial Carbon Dioxide and Neurological Outcome in Patients With Post-Cardiac Arrest Syndrome". <i>Circulation</i> , 2014, 129, e10.	1.6	0
65	The authors reply. <i>Critical Care Medicine</i> , 2018, 46, e962.	0.9	0
66	The authors reply. <i>Critical Care Medicine</i> , 2018, 46, e718-e719.	0.9	0
67	Heat Production After Cardiac Arrest: Predictor of Neurologic Outcome?*. <i>Critical Care Medicine</i> , 2018, 46, 1197-1199.	0.9	0