

Karen E A Burns

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

5,112
citations

136740

32
h-index

95083

68
g-index

109
all docs

109
docs citations

109
times ranked

6492
citing authors

#	ARTICLE	IF	CITATIONS
1	The Usefulness of the Rapid Shallow Breathing Index in Predicting Successful Extubation. <i>Chest</i> , 2022, 161, 97-111.	0.4	32
2	VTE Prophylaxis in Critically Ill Adults. <i>Chest</i> , 2022, 161, 418-428.	0.4	27
3	Prognostic factors for development of acute respiratory distress syndrome following traumatic injury: a systematic review and meta-analysis. <i>European Respiratory Journal</i> , 2022, 59, 2100857.	3.1	10
4	Non-invasive ventilation versus invasive weaning in critically ill adults: a systematic review and meta-analysis. <i>Thorax</i> , 2022, 77, 752-761.	2.7	16
5	Noninvasive respiratory support following extubation in critically ill adults: a systematic review and network meta-analysis. <i>Intensive Care Medicine</i> , 2022, 48, 137-147.	3.9	32
6	Effect of race, gender identity, and their intersection on career satisfaction: A cross-sectional survey of academic physicians. <i>Medical Teacher</i> , 2022, , 1-8.	1.0	3
7	Phenobarbital for the management of severe acute alcohol withdrawal (the PHENOMANAL trial): a pilot randomized controlled trial. <i>Pilot and Feasibility Studies</i> , 2022, 8, 14.	0.5	1
8	Public perceptions during the first wave of the COVID-19 pandemic in Canada: a demographic analysis of self-reported beliefs, behaviors, and information acquisition. <i>BMC Public Health</i> , 2022, 22, 699.	1.2	2
9	Evidence-informed consensus statements to guide COVID-19 patient visitation policies: results from a national stakeholder meeting. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 868-879.	0.7	4
10	Motivating factors, barriers and facilitators of participation in COVID-19 clinical research: A cross-sectional survey of Canadian community intensive care units. <i>PLoS ONE</i> , 2022, 17, e0266770.	1.1	1
11	The effect of intermittent pneumatic compression on deep-vein thrombosis and ventilation-free days in critically ill patients with heart failure. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
12	Lung-Protective Ventilation and Associated Outcomes and Costs Among Patients Receiving Invasive Mechanical Ventilation in the ED. <i>Chest</i> , 2021, 159, 606-618.	0.4	17
13	The role of non-invasive ventilation in weaning and decannulating critically ill patients with tracheostomy: A narrative review of the literature. <i>Pulmonology</i> , 2021, 27, 43-51.	1.0	12
14	Improving Diversity in Activities of Critical Care Societies. <i>Chest</i> , 2021, 159, 1334-1337.	0.4	2
15	Short-and long-term outcomes of sustained low efficiency dialysis vs continuous renal replacement therapy in critically ill patients with acute kidney injury. <i>Journal of Critical Care</i> , 2021, 62, 76-81.	1.0	4
16	Ventilator Weaning and Discontinuation Practices for Critically Ill Patients. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1173.	3.8	59
17	Predictive performance of SOFA & qSOFA for in-hospital mortality in patients with severe novel coronavirus disease. <i>American Journal of Emergency Medicine</i> , 2021, 50, 793-794.	0.7	1
18	Addressing gender imbalance in intensive care. <i>Critical Care</i> , 2021, 25, 147.	2.5	19

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19	Response. Chest, 2021, 159, 2115.	0.4	0
20	An environmental scan of visitation policies in Canadian intensive care units during the first wave of the COVID-19 pandemic. Canadian Journal of Anaesthesia, 2021, 68, 1474-1484.	0.7	31
21	Intra-dialytic hypotension following the transition from continuous to intermittent renal replacement therapy. Annals of Intensive Care, 2021, 11, 96.	2.2	10
22	The impact of organizational culture on professional fulfillment and burnout in an academic department of medicine. PLoS ONE, 2021, 16, e0252778.	1.1	19
23	Personalized mechanical ventilation in acute respiratory distress syndrome. Critical Care, 2021, 25, 250.	2.5	97
24	Mechanical Ventilation Discontinuation Practices in Asia: A Multinational Survey. Annals of the American Thoracic Society, 2021, 18, 1352-1359.	1.5	6
25	Diversity of Authors of Publications From the Canadian Critical Care Trials Group. Critical Care Medicine, 2021, Publish Ahead of Print, .	0.4	10
26	Moral Distress and Other Wellness Measures in Canadian Critical Care Physicians. Annals of the American Thoracic Society, 2021, 18, 1343-1351.	1.5	19
27	Impact of restricted visitation policies in hospitals on patients, family members and healthcare providers during the COVID-19 pandemic: a scoping review protocol. BMJ Open, 2021, 11, e048227.	0.8	6
28	Restricted visitation policies in acute care settings during the COVID-19 pandemic: a scoping review. Critical Care, 2021, 25, 347.	2.5	45
29	Does a Speaker Gender Gap Exist in Symposia Presentations within the Critical Care Assembly at the American Thoracic Society Conference?. Annals of the American Thoracic Society, 2021, 18, 1738-1740.	1.5	0
30	Clinical trials in COVID-19 management & prevention: A meta-epidemiological study examining methodological quality. Journal of Clinical Epidemiology, 2021, 139, 68-79.	2.4	11
31	One-Year Readmission Following Undifferentiated Acute Hypercapnic Respiratory Failure. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2021, 18, 602-611.	0.7	7
32	Separation from mechanical ventilation and survival after spinal cord injury: a systematic review and meta-analysis. Annals of Intensive Care, 2021, 11, 149.	2.2	11
33	Adherence of Clinical Practice Guidelines for Pharmacologic Treatments of Hospitalized Patients With COVID-19 to Trustworthy Standards. JAMA Network Open, 2021, 4, e2136263.	2.8	5
34	Characterizing Citizens' Preferences for Engagement in Patient Care and Research in Adult and Pediatric Intensive Care Units. Journal of Intensive Care Medicine, 2020, 35, 170-178.	1.3	7
35	Practice Patterns in the Treatment of Patients With Severe Alcohol Withdrawal: A Multidisciplinary, Cross-Sectional Survey. Journal of Intensive Care Medicine, 2020, 35, 1250-1256.	1.3	6
36	Evidence Supporting Clinical Use of Proportional Assist Ventilation: A Systematic Review and Meta-Analysis of Clinical Trials. Journal of Intensive Care Medicine, 2020, 35, 627-635.	1.3	13

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37	Predicting mortality among critically ill patients with acute kidney injury treated with renal replacement therapy: Development and validation of new prediction models. <i>Journal of Critical Care</i> , 2020, 56, 113-119.	1.0	13
38	Improving gender equity in critical care medicine: a protocol to establish priorities and strategies for implementation. <i>BMJ Open</i> , 2020, 10, e037090.	0.8	6
39	High-Flow Nasal Cannula Compared With Conventional Oxygen Therapy or Noninvasive Ventilation Immediately Postextubation: A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2020, 48, e1129-e1136.	0.4	32
40	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. <i>Intensive Care Medicine</i> , 2020, 46, 2226-2237.	3.9	185
41	Global evidence of gender inequity in academic health research: a living scoping review protocol. <i>JBMEvidence Synthesis</i> , 2020, 18, 2181-2193.	0.6	9
42	Les canules nasales Ã haut dÃ©bit pour le traitement de lâ€™insuffisance respiratoire hypoxÃ©mique aiguë chez les patients atteints de la COVID-19: comptes rendus systÃ©matiques de lâ€™efficacitÃ© et des risques de lâ€™aÃ©rosolisation, de dispersion et de transmission de lâ€™infection. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1217-1248.	0.7	139
43	Moderate Certainty Evidence Suggests the Use of High-Flow Nasal Cannula Does Not Decrease Hypoxia When Compared With Conventional Oxygen Therapy in the Peri-Intubation Period: Results of a Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2020, 48, 571-578.	0.4	29
44	Surveillance or no surveillance ultrasonography for deep vein thrombosis and outcomes of critically ill patients: a pre-planned sub-study of the PREVENT trial. <i>Intensive Care Medicine</i> , 2020, 46, 737-746.	3.9	21
45	Patient and Family Engagement in Care in the Cardiac Intensive Care Unit. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1032-1040.	0.8	19
46	10 Ways to Empower Yourself as a Woman in Science or Academic Medicine. <i>American Journal of Medicine</i> , 2020, 133, 881-882.	0.6	2
47	A national cross-sectional survey of public perceptions of the COVID-19 pandemic: Self-reported beliefs, knowledge, and behaviors. <i>PLoS ONE</i> , 2020, 15, e0241259.	1.1	69
48	Non-invasive ventilation in patients with an altered level of consciousness. A clinical review and practical insights. <i>Advances in Respiratory Medicine</i> , 2020, 88, 233-244.	0.5	4
49	Gender differences in grant and personnel award funding rates at the Canadian Institutes of Health Research based on research content area: A retrospective analysis. <i>PLoS Medicine</i> , 2019, 16, e1002935.	3.9	68
50	Frequency of Screening and SBT Technique Trial - North American Weaning Collaboration (FAST-NAWC): a protocol for a multicenter, factorial randomized trial. <i>Trials</i> , 2019, 20, 587.	0.7	3
51	Unconscious bias in the selection and interpretation of data on sex and burnout â€œ Authors' reply. <i>Lancet Respiratory Medicine</i> , 2019, 7, e24.	5.2	1
52	Factors influencing decisions by critical care physicians to withdraw life-sustaining treatments in critically ill adult patients with severe traumatic brain injury. <i>Cmaj</i> , 2019, 191, E652-E663.	0.9	16
53	Selection and Receipt of Kidney Replacement in Critically Ill Older Patients with AKI. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 496-505.	2.2	23
54	Gender differences in career satisfaction, moral distress, and incivility: a national, cross-sectional survey of Canadian critical care physicians. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 503-511.	0.7	32

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55	Fostering community hospital research. <i>Cmaj</i> , 2019, 191, E962-E966.	0.9	18
56	Variation in the practice of discontinuing mechanical ventilation in critically ill adults: study protocol for an international prospective observational study. <i>BMJ Open</i> , 2019, 9, e031775.	0.8	6
57	Practice Patterns and Ethical Considerations in the Management of Venovenous Extracorporeal Membrane Oxygenation Patients: An International Survey*. <i>Critical Care Medicine</i> , 2019, 47, 1346-1355.	0.4	28
58	Noninvasive positive-pressure ventilation as a weaning strategy for intubated adults with respiratory failure. <i>The Cochrane Library</i> , 2018, 2018, CD004127.	1.5	95
59	Patient and Family Engagement in the ICU. Untapped Opportunities and Underrecognized Challenges. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 310-319.	2.5	79
60	Statistical analysis plan for the Pneumatic CompREssion for PreVENTing Venous Thromboembolism (PREVENT) trial: a study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 182.	0.7	13
61	International Practice Variation in Weaning Critically Ill Adults from Invasive Mechanical Ventilation. <i>Annals of the American Thoracic Society</i> , 2018, 15, 494-502.	1.5	55
62	Canadian Critical Care Society revised process for guideline development and endorsement. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 1163-1164.	0.7	1
63	Differences in clinical practice guideline authorship by gender. <i>Lancet, The</i> , 2018, 392, 1626-1628.	6.3	47
64	High-flow nasal cannula in adults with acute respiratory failure and after extubation: a systematic review and meta-analysis. <i>Respiratory Research</i> , 2018, 19, 202.	1.4	38
65	Intensity of care and withdrawal of life-sustaining therapies in severe traumatic brain injury patients: a post-hoc analysis of a multicentre retrospective cohort study. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 996-1003.	0.7	4
66	Gender Parity in Critical Care Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 425-429.	2.5	69
67	Prognostication in critically ill patients with severe traumatic brain injury: the TBI-Prognosis multicentre feasibility study. <i>BMJ Open</i> , 2017, 7, e013779.	0.8	17
68	Patient and Family Engagement in Designing and Implementing a Weaning Trial. <i>Chest</i> , 2017, 152, 707-711.	0.4	22
69	Trials directly comparing alternative spontaneous breathing trial techniques: a systematic review and meta-analysis. <i>Critical Care</i> , 2017, 21, 127.	2.5	67
70	Effort to Breathe with Various Spontaneous Breathing Trial Techniques. A Physiologic Meta-analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1477-1485.	2.5	107
71	The Experience of Surrogate Decision Makers on Being Approached for Consent for Patient Participation in Research. A Multicenter Study. <i>Annals of the American Thoracic Society</i> , 2017, 14, 238-245.	1.5	27
72	Practice Variation in Spontaneous Breathing Trial Performance and Reporting. <i>Canadian Respiratory Journal</i> , 2016, 2016, 1-10.	0.8	18

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73	The impact of the Rasouli decision: a Survey of Canadian intensivists. <i>Journal of Medical Ethics</i> , 2016, 42, 180-185.	1.0	11
74	Thromboprophylaxis using combined intermittent pneumatic compression and pharmacologic prophylaxis versus pharmacologic prophylaxis alone in critically ill patients: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 390.	0.7	17
75	Early mobilization of critically ill adults: a survey of knowledge, perceptions and practices of Canadian physicians and physiotherapists. <i>CMAJ Open</i> , 2016, 4, E448-E454.	1.1	59
76	The influence of corticosteroid treatment on the outcome of influenza A(H1N1pdm09)-related critical illness. <i>Critical Care</i> , 2016, 20, 75.	2.5	80
77	Variation in diurnal sedation in mechanically ventilated patients who are managed with a sedation protocol alone or a sedation protocol and daily interruption. <i>Critical Care</i> , 2016, 20, 233.	2.5	16
78	Stakeholder Engagement in Trial Design: Survey of Visitors to Critically Ill Patients Regarding Preferences for Outcomes and Treatment Options during Weaning from Mechanical Ventilation. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1962-1968.	1.5	19
79	Changing Incidence and Outcomes Following Dialysis-Requiring Acute Kidney Injury Among Critically Ill Adults: A Population-Based Cohort Study. <i>American Journal of Kidney Diseases</i> , 2015, 65, 870-877.	2.1	152
80	Clinician perspectives on protocols designed to minimize sedation. <i>Journal of Critical Care</i> , 2015, 30, 348-352.	1.0	22
81	Is there a role for physician involvement in introducing research to surrogate decision makers in the intensive care unit? (The Approach trial: a pilot mixed methods study). <i>Intensive Care Medicine</i> , 2015, 41, 58-67.	3.9	14
82	How to assess a survey report: a guide for readers and peer reviewers. <i>Cmaj</i> , 2015, 187, E198-E205.	0.9	75
83	Outcomes of sustained low efficiency dialysis versus continuous renal replacement therapy in critically ill adults with acute kidney injury: a cohort study. <i>BMC Nephrology</i> , 2015, 16, 127.	0.8	48
84	Recovery after critical illness in patients aged 80 years or older: a multi-center prospective observational cohort study. <i>Intensive Care Medicine</i> , 2015, 41, 1911-1920.	3.9	174
85	Deferred Consent in a Minimal-Risk Study Involving Critically Ill Subarachnoid Hemorrhage Patients. <i>Canadian Respiratory Journal</i> , 2014, 21, 293-296.	0.8	9
86	Protocolized versus non-protocolized weaning for reducing the duration of mechanical ventilation in critically ill adult patients. <i>The Cochrane Library</i> , 2014, , CD006904.	1.5	120
87	The Association Between Renal Replacement Therapy Modality and Long-Term Outcomes Among Critically Ill Adults With Acute Kidney Injury. <i>Critical Care Medicine</i> , 2014, 42, 868-877.	0.4	178
88	Automated weaning and spontaneous breathing trial systems versus non-automated weaning strategies for discontinuation time in invasively ventilated postoperative adults. <i>The Cochrane Library</i> , 2014, , CD008639.	1.5	10
89	Noninvasive ventilation as a weaning strategy for mechanical ventilation in adults with respiratory failure: a Cochrane systematic review. <i>Cmaj</i> , 2014, 186, E112-E122.	0.9	104
90	Research Recruitment Practices and Critically Ill Patients. A Multicenter, Cross-Sectional Study (The Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	94

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91	Participation of ICUs in Critical Care Pandemic Research. <i>Critical Care Medicine</i> , 2013, 41, 1009-1016.	0.4	11
92	Wean Earlier and Automatically with New Technology (the WEAN Study). A Multicenter, Pilot Randomized Controlled Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 1203-1211.	2.5	52
93	Optimal Mode of clearance in critically ill patients with Acute Kidney Injury (OMAKI) - a pilot randomized controlled trial of hemofiltration versus hemodialysis: a Canadian Critical Care Trials Group project. <i>Critical Care</i> , 2012, 16, R205.	2.5	53
94	Emergency department length of stay for patients requiring mechanical ventilation: a prospective observational study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2012, 20, 30.	1.1	29
95	Pressure and Volume Limited Ventilation for the Ventilatory Management of Patients with Acute Lung Injury: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2011, 6, e14623.	1.1	72
96	A Canadian Critical Care Trials Group project in collaboration with the international forum for acute care trialists - Collaborative H1N1 Adjuvant Treatment pilot trial (CHAT): study protocol and design of a randomized controlled trial. <i>Trials</i> , 2011, 12, 70.	0.7	7
97	Attitudes of the General Public Toward Alternative Consent Models. <i>American Journal of Critical Care</i> , 2011, 20, 75-83.	0.8	21
98	Clinical Year in Review IV: Advances In Critical Care Medicine, End-of-Life Care of the Critically Ill Patient, Asthma, and Mechanical Ventilation. <i>Proceedings of the American Thoracic Society</i> , 2010, 7, 318-324.	3.5	0
99	Weaning critically ill adults from invasive mechanical ventilation: a national survey. <i>Canadian Journal of Anaesthesia</i> , 2009, 56, 567-576.	0.7	36
100	The "Consent to Research" paradigm in critical care: challenges and potential solutions. <i>Intensive Care Medicine</i> , 2009, 35, 1655-1658.	3.9	31
101	Wean Earlier and Automatically with New technology (the WEAN study): a protocol of a multicentre, pilot randomized controlled trial. <i>Trials</i> , 2009, 10, 81.	0.7	10
102	A critical review of thromboembolic complications associated with central venous catheters. <i>Canadian Journal of Anaesthesia</i> , 2008, 55, 532-541.	0.7	34
103	Automating the weaning process with advanced closed-loop systems. <i>Intensive Care Medicine</i> , 2008, 34, 1757-1765.	3.9	58
104	A guide for the design and conduct of self-administered surveys of clinicians. <i>Cmaj</i> , 2008, 179, 245-252.	0.9	947
105	Randomized Trials Stopped Early for Benefit. <i>JAMA - Journal of the American Medical Association</i> , 2005, 294, 2203.	3.8	616
106	In collaboration with the Canadian Critical Care Society, the Canadian Journal of Anesthesia is proud to publish the best posters presented at the Toronto Critical Care Medicine Symposium 2003 (Adult) <i>Canadian Journal of Anaesthesia</i> , 2004, 51, A1-A8.	0.7	0