

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	A guide for the design and conduct of self-administered surveys of clinicians. <i>Cmaj</i> , 2008, 179, 245-252.	0.9	947
2	Randomized Trials Stopped Early for Benefit. <i>JAMA - Journal of the American Medical Association</i> , 2005, 294, 2203.	3.8	616
3	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
4	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
5	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
6	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
7	Les canules nasales à haut débit pour le traitement de l'insuffisance respiratoire hypoxémique aiguë chez les patients atteints de la COVID-19: comptes rendus systématiques de l'efficacité et des risques de néo-aérosolisation, de dispersion et de transmission de l'infection. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1217-1248.	0.7	139
8	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
9	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
10	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
11	Personalized mechanical ventilation in acute respiratory distress syndrome. <i>Critical Care</i> , 2021, 25, 250.	2.5	97
12	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
13	Research Recruitment Practices and Critically Ill Patients. A Multicenter, Cross-Sectional Study (The Tj ETQq1 1 0.784314 rgBT /Overl 2.5 94	2.5	94
14	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
15	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
16	How to assess a survey report: a guide for readers and peer reviewers. <i>Cmaj</i> , 2015, 187, E198-E205.	0.9	75
17	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
18	Gender Parity in Critical Care Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 425-429.	2.5	69

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19	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
20	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
21	Trials directly comparing alternative spontaneous breathing trial techniques: a systematic review and meta-analysis. <i>Critical Care</i> , 2017, 21, 127.	2.5	67
22	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
23	Ventilator Weaning and Discontinuation Practices for Critically Ill Patients. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1173.	3.8	59
24	Automating the weaning process with advanced closed-loop systems. <i>Intensive Care Medicine</i> , 2008, 34, 1757-1765.	3.9	58
25	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
26	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
27	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
28	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
29	Differences in clinical practice guideline authorship by gender. <i>Lancet, The</i> , 2018, 392, 1626-1628.	6.3	47
30	Restricted visitation policies in acute care settings during the COVID-19 pandemic: a scoping review. <i>Critical Care</i> , 2021, 25, 347.	2.5	45
31	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
32	Weaning critically ill adults from invasive mechanical ventilation: a national survey. <i>Canadian Journal of Anaesthesia</i> , 2009, 56, 567-576.	0.7	36
33	A critical review of thromboembolic complications associated with central venous catheters. <i>Canadian Journal of Anaesthesia</i> , 2008, 55, 532-541.	0.7	34
34	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
35	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
36	The Usefulness of the Rapid Shallow Breathing Index in Predicting Successful Extubation. <i>Chest</i> , 2022, 161, 97-111.	0.4	32

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37	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
38	The "Consent to Research" paradigm in critical care: challenges and potential solutions. <i>Intensive Care Medicine</i> , 2009, 35, 1655-1658.	3.9	31
39	An environmental scan of visitation policies in Canadian intensive care units during the first wave of the COVID-19 pandemic. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 1474-1484.	0.7	31
40	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
41	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
42	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
43	VTE Prophylaxis in Critically Ill Adults. <i>Chest</i> , 2022, 161, 418-428.	0.4	27
44	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
45	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
46	Clinician perspectives on protocols designed to minimize sedation. <i>Journal of Critical Care</i> , 2015, 30, 348-352.	1.0	22
47	Patient and Family Engagement in Designing and Implementing a Weaning Trial. <i>Chest</i> , 2017, 152, 707-711.	0.4	22
48	Attitudes of the General Public Toward Alternative Consent Models. <i>American Journal of Critical Care</i> , 2011, 20, 75-83.	0.8	21
49	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
50	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
51	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
52	Addressing gender imbalance in intensive care. <i>Critical Care</i> , 2021, 25, 147.	2.5	19
53	The impact of organizational culture on professional fulfillment and burnout in an academic department of medicine. <i>PLoS ONE</i> , 2021, 16, e0252778.	1.1	19
54	Moral Distress and Other Wellness Measures in Canadian Critical Care Physicians. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1343-1351.	1.5	19

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55	Practice Variation in Spontaneous Breathing Trial Performance and Reporting. <i>Canadian Respiratory Journal</i> , 2016, 2016, 1-10.	0.8	18
56	Fostering community hospital research. <i>Cmaj</i> , 2019, 191, E962-E966.	0.9	18
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	Evidence Supporting Clinical Use of Proportional Assist Ventilation: A Systematic Review and Meta-Analysis of Clinical Trials. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 627-635.	1.3	13
66	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
67	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
68	Participation of ICUs in Critical Care Pandemic Research. <i>Critical Care Medicine</i> , 2013, 41, 1009-1016.	0.4	11
69	The impact of the Rasouli decision: a Survey of Canadian intensivists. <i>Journal of Medical Ethics</i> , 2016, 42, 180-185.	1.0	11
70	Clinical trials in COVID-19 management & prevention: A meta-epidemiological study examining methodological quality. <i>Journal of Clinical Epidemiology</i> , 2021, 139, 68-79.	2.4	11
71	Separation from mechanical ventilation and survival after spinal cord injury: a systematic review and meta-analysis. <i>Annals of Intensive Care</i> , 2021, 11, 149.	2.2	11
72	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

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73	Automated weaning and spontaneous breathing trial systems versus non-automated weaning strategies for discontinuation time in invasively ventilated postoperative adults. The Cochrane Library, 2014, , CD008639.	1.5	10
74	Intra-dialytic hypotension following the transition from continuous to intermittent renal replacement therapy. Annals of Intensive Care, 2021, 11, 96.	2.2	10
75	Diversity of Authors of Publications From the Canadian Critical Care Trials Group. Critical Care Medicine, 2021, Publish Ahead of Print, .	0.4	10
76	Prognostic factors for development of acute respiratory distress syndrome following traumatic injury: a systematic review and meta-analysis. European Respiratory Journal, 2022, 59, 2100857.	3.1	10
77	Deferred Consent in a Minimal-Risk Study Involving Critically Ill Subarachnoid Hemorrhage Patients. Canadian Respiratory Journal, 2014, 21, 293-296.	0.8	9
78	Global evidence of gender inequity in academic health research: a living scoping review protocol. JBI Evidence Synthesis, 2020, 18, 2181-2193.	0.6	9
79	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. Trials, 2011, 12, 70.	0.7	7
80	Characterizing Citizensâ€™ 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
81	One-Year Readmission Following Undifferentiated Acute Hypercapnic Respiratory Failure. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2021, 18, 602-611.	0.7	7
82	Variation in the practice of discontinuing mechanical ventilation in critically ill adults: study protocol for an international prospective observational study. BMJ Open, 2019, 9, e031775.	0.8	6
83	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
84	Improving gender equity in critical care medicine: a protocol to establish priorities and strategies for implementation. BMJ Open, 2020, 10, e037090.	0.8	6
85	Mechanical Ventilation Discontinuation Practices in Asia: A Multinational Survey. Annals of the American Thoracic Society, 2021, 18, 1352-1359.	1.5	6
86	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
87	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
88	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. Canadian Journal of Anaesthesia, 2018, 65, 996-1003.	0.7	4
89	Short-and long-term outcomes of sustained low efficiency dialysis vs continuous renal replacement therapy in critically ill patients with acute kidney injury. Journal of Critical Care, 2021, 62, 76-81.	1.0	4
90	Non-invasive ventilation in patients with an altered level of consciousness. A clinical review and practical insights. Advances in Respiratory Medicine, 2020, 88, 233-244.	0.5	4

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91	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
92	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
93	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
94	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
95	Improving Diversity in Activities of Critical Care Societies. <i>Chest</i> , 2021, 159, 1334-1337.	0.4	2
96	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
97	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
98	Canadian Critical Care Society revised process for guideline development and endorsement. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 1163-1164.	0.7	1
99	Unconscious bias in the selection and interpretation of data on sex and burnout – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2019, 7, e24.	5.2	1
100	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
101	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
102	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
103	In collaboration with the Canadian Critical Care Society, the <i>Canadian Journal of Anesthesia</i> is proud to publish the best posters presented at the Toronto Critical Care Medicine Symposium 2003 (Adult) Tj ETQq1 1 0.784314 rgBT /Ove <i>Anaesthesia</i> , 2004, 51, A1-A8.	0.7	0
104	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
105	Response. <i>Chest</i> , 2021, 159, 2115.	0.4	0
106	Does a Speaker Gender Gap Exist in Symposia Presentations within the Critical Care Assembly at the American Thoracic Society Conference?. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1738-1740.	1.5	0