Lauralyn McIntyre

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. Intensive Care Medicine, 2021, 47, 1181-1247.	3.9	1,503
2	Critically Ill Patients With 2009 Influenza A(H1N1) Infection in Canada. JAMA - Journal of the American Medical Association, 2009, 302, 1872.	3.8	1,197
3	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. Critical Care Medicine, 2021, 49, e1063-e1143.	0.4	927
4	Safety of Cell Therapy with Mesenchymal Stromal Cells (SafeCell): A Systematic Review and Meta-Analysis of Clinical Trials. PLoS ONE, 2012, 7, e47559.	1.1	906
5	Association of Hydroxyethyl Starch Administration With Mortality and Acute Kidney Injury in Critically III Patients Requiring Volume Resuscitation. JAMA - Journal of the American Medical Association, 2013, 309, 678.	3.8	555
6	Age of Transfused Blood in Critically III Adults. New England Journal of Medicine, 2015, 372, 1410-1418.	13.9	510
7	Permissive Underfeeding or Standard Enteral Feeding in Critically Ill Adults. New England Journal of Medicine, 2015, 372, 2398-2408.	13.9	455
8	Standardization of intravenous insulin therapy improves the efficiency and safety of blood glucose control in critically ill adults. Intensive Care Medicine, 2004, 30, 804-810.	3.9	233
9	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. Critical Care Medicine, 2021, 49, 1974-1982.	0.4	209
10	Comparison of standard and accelerated initiation of renal replacement therapy in acute kidney injury. Kidney International, 2015, 88, 897-904.	2.6	194
11	Continuous Multi-Parameter Heart Rate Variability Analysis Heralds Onset of Sepsis in Adults. PLoS ONE, 2009, 4, e6642.	1.1	185
12	Meta-analysis: Intravenous Immunoglobulin in Critically III Adult Patients with Sepsis. Annals of Internal Medicine, 2007, 146, 193.	2.0	156
13	Cell therapy with intravascular administration of mesenchymal stromal cells continues to appear safe: An updated systematic review and meta-analysis. EClinicalMedicine, 2020, 19, 100249.	3.2	150
14	The Efficacy and Safety of Heparin in Patients With Sepsis. Critical Care Medicine, 2015, 43, 511-518.	0.4	144
15	The Age of Blood Evaluation (ABLE) Randomized Controlled Trial: Study Design. Transfusion Medicine Reviews, 2011, 25, 197-205.	0.9	142
16	Is a Restrictive Transfusion Strategy Safe for Resuscitated and Critically Ill Trauma Patients?. Journal of Trauma, 2004, 57, 563-568.	2.3	135
17	Revisiting transfusion practices in critically ill patients*. Critical Care Medicine, 2005, 33, 7-12.	0.4	119
18	Permissive Underfeeding or Standard Enteral Feeding in High– and Low–Nutritional-Risk Critically Ill Adults. <i>Post Hoc</i> Analysis of the PermiT Trial. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 652-662.	2.5	115

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19	Epidemiology and management of atrial fibrillation in medical and noncardiac surgical adult intensive care unit patients. Journal of Critical Care, 2012, 27, 326.e1-326.e8.	1.0	111
20	Treatment of new-onset atrial fibrillation in noncardiac intensive care unit patients: A systematic review of randomized controlled trials*. Critical Care Medicine, 2008, 36, 1620-1624.	0.4	107
21	Erythropoietin-receptor agonists in critically ill patients: a meta-analysis of randomized controlled trials. Cmaj, 2007, 177, 725-734.	0.9	106
22	Failure of Anticoagulant Thromboprophylaxis. Critical Care Medicine, 2015, 43, 401-410.	0.4	106
23	The efficacy and safety of prokinetic agents in critically ill patients receiving enteral nutrition: a systematic review and meta-analysis of randomized trials. Critical Care, 2016, 20, 259.	2.5	104
24	Safety and Efficacy of Adult Stem Cell Therapy for Acute Myocardial Infarction and Ischemic Heart Failure (SafeCell Heart): A Systematic Review and Meta-Analysis. Stem Cells Translational Medicine, 2018, 7, 857-866.	1.6	99
25	The Devil Is in the Details: Incomplete Reporting in Preclinical Animal Research. PLoS ONE, 2016, 11, e0166733.	1.1	96
26	Effect of Probiotics on Incident Ventilator-Associated Pneumonia in Critically Ill Patients. JAMA - Journal of the American Medical Association, 2021, 326, 1024.	3.8	94
27	Transfusion rates vary significantly amongst Canadian medical centres. Canadian Journal of Anaesthesia, 2005, 52, 581-590.	0.7	92
28	Evaluating mesenchymal stem cell therapy for sepsis with preclinical meta-analyses prior to initiating a first-in-human trial. ELife, 2016, 5, .	2.8	73
29	Risk factors and impact of major bleeding in critically ill patients receiving heparin thromboprophylaxis. Intensive Care Medicine, 2013, 39, 2135-2143.	3.9	71
30	Effect of Blood Donor Characteristics on Transfusion Outcomes: A Systematic Review and Meta-Analysis. Transfusion Medicine Reviews, 2016, 30, 69-80.	0.9	71
31	The impact of perioperative red blood cell transfusions in patients undergoing liver resection: a systematic review. Hpb, 2017, 19, 321-330.	0.1	70
32	Interventions to prevent hemodynamic instability during renal replacement therapy in critically ill patients: a systematic review. Critical Care, 2018, 22, 41.	2.5	61
33	Heparin-Induced Thrombocytopenia in Medical Surgical Critical Illness. Chest, 2013, 144, 848-858.	0.4	60
34	Do heart and respiratory rate variability improve prediction of extubation outcomes in critically ill patients?. Critical Care, 2014, 18, R65.	2.5	59
35	Vital Signs After Cardiac Arrest Following Withdrawal of Life-Sustaining Therapy. Critical Care Medicine, 2014, 42, 2358-2369.	0.4	58
36	Vitamin D deficiency in critically ill children: a systematic review and meta-analysis. Critical Care, 2017, 21, 287.	2.5	58

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37	Rapid Normalization of Vitamin D Levels: A Meta-Analysis. Pediatrics, 2015, 135, e152-e166.	1.0	57
38	Assessment of Circulating LncRNAs Under Physiologic and Pathologic Conditions in Humans Reveals Potential Limitations as Biomarkers. Scientific Reports, 2016, 6, 36596.	1.6	52
39	Cost-effectiveness of Dalteparin vs Unfractionated Heparin for the Prevention of Venous Thromboembolism in Critically III Patients. JAMA - Journal of the American Medical Association, 2014, 312, 2135.	3.8	50
40	Sepsis-Associated Mortality, Resource Use, and Healthcare Costs: A Propensity-Matched Cohort Study*. Critical Care Medicine, 2021, 49, 215-227.	0.4	45
41	Heparin-induced thrombocytopenia in the critically ill: Interpreting the 4Ts test in a randomized trial. Journal of Critical Care, 2014, 29, 470.e7-470.e15.	1.0	44
42	Nonleg Venous Thrombosis in Critically III Adults. JAMA Internal Medicine, 2014, 174, 689.	2.6	43
43	Clinical Studies of Ex Vivo Expansion to Accelerate Engraftment After Umbilical Cord Blood Transplantation: A Systematic Review. Transfusion Medicine Reviews, 2017, 31, 173-182.	0.9	42
44	Incidence of postintubation hemodynamic instability associated with emergent intubations performed outside the operating room: a systematic review. Canadian Journal of Emergency Medicine, 2014, 16, 69-79.	0.5	41
45	Omega-3 supplementation in patients with sepsis: a systematic review and meta-analysis of randomized trials. Annals of Intensive Care, 2017, 7, 58.	2.2	41
46	The Effect of Inadequate Initial Empiric Antimicrobial Treatment on Mortality in Critically III Patients with Bloodstream Infections: A Multi-Centre Retrospective Cohort Study. PLoS ONE, 2016, 11, e0154944.	1.1	40
47	Probiotics: Prevention of Severe Pneumonia and Endotracheal Colonization Trial—PROSPECT: a pilot trial. Trials, 2016, 17, 377.	0.7	38
48	A Randomized Controlled Trial of Corticosteroids in Pediatric Septic Shock: A Pilot Feasibility Study*. Pediatric Critical Care Medicine, 2017, 18, 505-512.	0.2	35
49	Protocol Management of Severe Traumatic Brain Injury in Intensive Care Units: A Systematic Review. Neurocritical Care, 2013, 18, 131-142.	1.2	34
50	Efficacy and safety of mesenchymal stromal cells in preclinical models of acute lung injury: a systematic review protocol. Systematic Reviews, 2014, 3, 48.	2.5	32
51	Duration of Antimicrobial Treatment for Bacteremia in Canadian Critically Ill Patients*. Critical Care Medicine, 2016, 44, 256-264.	0.4	31
52	Transfusion of red blood cells in patients with traumatic brain injuries admitted to Canadian trauma health centres: a multicentre cohort study. BMJ Open, 2017, 7, e014472.	0.8	30
53	The Future of Clinical Trials Evaluating Blood Substitutes. JAMA - Journal of the American Medical Association, 2008, 299, 2324.	3.8	29
54	Blood component transfusion in critically ill patients. Current Opinion in Critical Care, 2013, 19, 326-333.	1.6	29

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55	7 versus 14Âdays of antibiotic treatment for critically ill patients with bloodstream infection: a pilot randomized clinical trial. Trials, 2018, 19, 111.	0.7	28
56	Thawed Mesenchymal Stem Cell Product Shows Comparable Immunomodulatory Potency to Cultured Cells In Vitro and in Polymicrobial Septic Animals. Scientific Reports, 2019, 9, 18078.	1.6	26
57	Neuromuscular blocking agents in acute respiratory distress syndrome: updated systematic review and meta-analysis of randomized trials. Intensive Care Medicine Experimental, 2020, 8, 61.	0.9	26
58	Bacteremia Antibiotic Length Actually Needed for Clinical Effectiveness (BALANCE): study protocol for a pilot randomized controlled trial. Trials, 2015, 16, 173.	0.7	24
59	Developing a framework for the ethical design and conduct of pragmatic trials in healthcare: a mixed methods research protocol. Trials, 2018, 19, 525.	0.7	21
60	Balanced Versus Unbalanced Fluid in Critically Ill Children: Systematic Review and Meta-Analysis*. Pediatric Critical Care Medicine, 2022, 23, 181-191.	0.2	21
61	Anemia prevalence and incidence and red blood cell transfusion practices in aneurysmal subarachnoid hemorrhage: results of a multicenter cohort study. Critical Care, 2018, 22, 169.	2.5	20
62	Clinical effects of blood donor characteristics in transfusion recipients: protocol of a framework to study the blood donor-recipient continuum. BMJ Open, 2015, 5, e007412-e007412.	0.8	19
63	Hemoglobin thresholds and red blood cell transfusion in adult patients with moderate or severe traumatic brain injuries: A retrospective cohort study. Journal of Critical Care, 2018, 45, 133-139.	1.0	17
64	Permissive underfeeding versus target enteral feeding in adult critically ill patients (PermiT Trial): a study protocol of a multicenter randomized controlled trial. Trials, 2012, 13, 191.	0.7	16
65	The PRECISE RCT: Evolution of an Early Septic Shock Fluid Resuscitation Trial. Transfusion Medicine Reviews, 2012, 26, 333-341.	0.9	16
66	Ancillary testing for diagnosis of brain death: a protocol for a systematic review and meta-analysis. Systematic Reviews, 2013, 2, 100.	2.5	16
67	Prevention of vitamin D deficiency in children following cardiac surgery: study protocol for a randomized controlled trial. Trials, 2015, 16, 402.	0.7	15
68	Multicountry survey of emergency and critical care medicine physicians' fluid resuscitation practices for adult patients with early septic shock. BMJ Open, 2016, 6, e010041.	0.8	15
69	Comparison of Consent Models in a Randomized Trial of Corticosteroids in Pediatric Septic Shock*. Pediatric Critical Care Medicine, 2017, 18, 1009-1018.	0.2	15
70	Mortality Risk Profiles for Sepsis: A Novel Longitudinal and Multivariable Approach. , 2019, 1, e0032.		15
71	Do patient-reported outcome measures for SAH include patient, family, and caregiver priorities?. Neurology, 2019, 92, 281-295.	1.5	15
72	Survey of Canadian intensivists on physician non-referral and family override of deceased organ donation. Canadian Journal of Anaesthesia, 2020, 67, 313-323.	0.7	15

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73	Choice of crystalloid fluid in the treatment of hyperglycemic emergencies: a systematic review protocol. Systematic Reviews, 2019, 8, 228.	2.5	13
74	Audit and feedback to improve laboratory test and transfusion ordering in critical care: a systematic review. Implementation Science, 2020, 15, 46.	2.5	13
75	A systematic review of pediatric clinical trials of high dose vitamin D. PeerJ, 2016, 4, e1701.	0.9	13
76	The conundrum of persistent inappropriate use of frozen plasma. Critical Care, 2011, 15, 160.	2.5	12
77	Study protocol for a phase II dose evaluation randomized controlled trial of cholecalciferol in critically ill children with vitamin D deficiency (VITdAL-PICU study). Pilot and Feasibility Studies, 2017, 3, 70.	0.5	12
78	Subarachnoid hemorrhage admissions retrospectively identified using a prediction model. Neurology, 2016, 87, 1557-1564.	1.5	11
79	The association between platelet transfusions and bleeding in critically ill patients with thrombocytopenia. Research and Practice in Thrombosis and Haemostasis, 2017, 1, 103-111.	1.0	11
80	Regenerative cell therapy for pulmonary arterial hypertension in animal models: a systematic review. Stem Cell Research and Therapy, 2019, 10, 75.	2.4	11
81	A Systematic Review of the Impact of Surgical Special Care Units on Patient Outcomes and Health Care Resource Utilization. Anesthesia and Analgesia, 2019, 128, 533-542.	1.1	11
82	To transfuse or not in trauma patients: a presentation of the evidence and rationale. Current Opinion in Anaesthesiology, 2002, 15, 179-185.	0.9	10
83	Economic evaluation of the prophylaxis for thromboembolism in critical care trial (E-PROTECT): study protocol for a randomized controlled trial. Trials, 2014, 15, 502.	0.7	10
84	Efficacy and safety of regenerative cell therapy for pulmonary arterial hypertension in animal models: a preclinical systematic review protocol. Systematic Reviews, 2016, 5, 89.	2.5	10
85	Haemoperfusion should only be used for COVID-19 in the context ofÂrandomized trials. Nature Reviews Nephrology, 2020, 16, 697-699.	4.1	10
86	Pathogens and antimicrobial susceptibility profiles in critically ill patients with bloodstream infections: a descriptive study. CMAJ Open, 2016, 4, E569-E577.	1.1	9
87	An international comparison of the cost of fluid resuscitation therapies. Australian Critical Care, 2021, 34, 23-32.	0.6	9
88	Évaluation clinique et tests auxiliaires pour le diagnostic de décès déterminé par des critères neurologiques : un sondage transversal auprès des intensivistes canadiens. Canadian Journal of Anaesthesia, 2022, 69, 353-363.	0.7	9
89	Steroids in fluid and/or vasoactive infusion dependent pediatric shock: study protocol for a randomized controlled trial. Trials, 2016, 17, 238.	0.7	8
90	Enriched administrative data can be used to retrospectively identify all known cases of primary subarachnoid hemorrhage. Journal of Clinical Epidemiology, 2016, 70, 146-154.	2.4	8

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91	Assessment of safety and efficacy of mesenchymal stromal cell therapy in preclinical models of acute myocardial infarction: a systematic review protocol. Systematic Reviews, 2017, 6, 226.	2.5	8
92	Value of mesenchymal stem cell therapy for patients with septic shock: an early health economic evaluation. International Journal of Technology Assessment in Health Care, 2020, 36, 525-532.	0.2	8
93	Importance of underlying mechanism and genotype on outcome of sepsis trials. Critical Care Medicine, 2001, 29, 677-679.	0.4	8
94	Informed Consent Documents Used in Critical Care Trials Often Do Not Implement Recommendations*. Critical Care Medicine, 2018, 46, e111-e117.	0.4	8
95	New insights into fluid resuscitation. Intensive Care Medicine, 2013, 39, 998-1001.	3.9	7
96	Resuscitation Prior to Emergency Endotracheal Intubation: Results of a National Survey. Western Journal of Emergency Medicine, 2016, 17, 542-548.	0.6	7
97	Is hemoglobin good for cerebral oxygenation and clinical outcome in acute brain injury?. Current Opinion in Critical Care, 2018, 24, 91-96.	1.6	7
98	Stakeholder views regarding ethical issues in the design and conduct of pragmatic trials: study protocol. BMC Medical Ethics, 2018, 19, 90.	1.0	7
99	FLUID trial: a protocol for a hospital-wide open-label cluster crossover pragmatic comparative effectiveness randomised pilot trial. BMJ Open, 2018, 8, e022780.	0.8	7
100	Impact of balanced versus unbalanced fluid resuscitation on clinical outcomes in critically ill children: protocol for a systematic review and meta-analysis. Systematic Reviews, 2019, 8, 195.	2.5	7
101	Prevention of post-cardiac surgery vitamin D deficiency in children with congenital heart disease: a pilot feasibility dose evaluation randomized controlled trial. Pilot and Feasibility Studies, 2020, 6, 159.	0.5	7
102	Surrogate Humane Endpoints in Small Animal Models of Acute Lung Injury: A Modified Delphi Consensus Study of Researchers and Laboratory Animal Veterinarians*. Critical Care Medicine, 2021, 49, 311-323.	0.4	7
103	Comparison of freshly cultured versus cryopreserved mesenchymal stem cells in animal models of inflammation: A pre-clinical systematic review. ELife, 0, 11 , .	2.8	7
104	Kinetics of Serological Responses in Critically III Patients Hospitalized With 2009 Pandemic Influenza A(H1N1) Virus Infection in Canada, 2009–2011. Journal of Infectious Diseases, 2018, 217, 1078-1088.	1.9	6
105	A pilot randomized controlled trial of 7 versus 14 days of antibiotic treatment for bloodstream infection on non-intensive care versus intensive care wards. Trials, 2020, 21, 92.	0.7	6
106	Poly(I:C) enhances mesenchymal stem cell control of myeloid cells from COVID-19 patients. IScience, 2022, 25, 104188.	1.9	6
107	Effect of blood donor characteristics on transfusion outcomes: a protocol for systematic review and meta-analysis. Systematic Reviews, 2014, 3, 28.	2.5	5
108	Effect of prenotification on the response rate of a postal survey of emergency physicians: a randomised, controlled, assessor-blind trial. BMJ Open, 2021, 11, e052843.	0.8	5

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109	Safety Of Cell Therapy With Mesenchymal Stromal Cells (MSCs): A Systematic Review. , 2010, , .		4
110	Textbook of Critical Care, 6th Edition. Canadian Journal of Anaesthesia, 2012, 59, 626-627.	0.7	4
111	Red blood cell transfusion and mortality effect in aneurysmal subarachnoid hemorrhage: a systematic review and meta-analysis protocol. Systematic Reviews, 2015, 4, 41.	2.5	4
112	Saline versus albumin fluid for extracorporeal removal with slow low-efficiency dialysis (SAFER-SLED): study protocol for a pilot trial. Pilot and Feasibility Studies, 2019, 5, 72.	0.5	4
113	Design of nutrition trials in critically ill patients: food for thought. Annals of Translational Medicine, 2016, 4, 186-186.	0.7	4
114	Pentastarch resuscitation in severe sepsis and septic shock. Canadian Journal of Emergency Medicine, 2010, 12, 58-61.	0.5	3
115	Comparison of crystalloid resuscitation fluids for treatment of acute brain injury: a clinical and pre-clinical systematic review and network meta-analysis protocol. Systematic Reviews, 2018, 7, 125.	2.5	3
116	Caloric intake and the fat-to-carbohydrate ratio in hypercapnic acute respiratory failure: Post-hoc analysis of the PermiT trial. Clinical Nutrition ESPEN, 2019, 29, 175-182.	0.5	3
117	Sondage concernant les connaissances et attitudes des intensivistes canadiens envers les aspects législatifs du système de don d'organes de donneurs décédés. Canadian Journal of Anaesthesia, 20: 67, 1349-1358.	2@.7	3
118	Comparison of freshly cultured versus freshly thawed (cryopreserved) mesenchymal stem cells in preclinical in vivo models of inflammation: a protocol for a preclinical systematic review and meta-analysis. Systematic Reviews, 2020, 9, 188.	2.5	3
119	Attitudes and acceptability of organ and tissue donation registration in the emergency department: a national survey of emergency physicians. Canadian Journal of Emergency Medicine, 2022, 24, 293-299.	0.5	3
120	Intravenous albumin for the prevention of hemodynamic instability during sustained low-efficiency dialysis: a randomized controlled feasibility trial (The SAFER-SLED Study). Annals of Intensive Care, 2021, 11, 174.	2.2	3
121	Interventions to prevent hemodynamic instability during renal replacement therapy for acute kidney injury: a systematic review protocol. Systematic Reviews, 2017, 6, 113.	2.5	2
122	Intensive insulin therapy and starch (HES 200/0.5) had some risk and no clear benefit in severe sepsis. Annals of Internal Medicine, 2008, 148, JC4.	2.0	2
123	Vascular progenitor recruitment in critically ill patients with acute kidney injury. Clinical and Investigative Medicine, 2011, 34, 304.	0.3	2
124	Risks of Intravenous Immunoglobulin in Sepsis Affect Trial Design. Annals of Internal Medicine, 2007, 147, 813.	2.0	1
125	Establishing a master cell bank of bone marrow-derived mesenchymal stem cells for the cellular immunotherapy for septic shock trial (CISS). Cytotherapy, 2015, 17, S50.	0.3	1
126	Random serum free cortisol and total cortisol measurements in pediatric septic shock. Journal of Pediatric Endocrinology and Metabolism, 2018, 31, 757-762.	0.4	1

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127	How well do critical care audit and feedback interventions adhere to best practice? Development and application of the REFLECT-52 evaluation tool. Implementation Science, 2021, 16, 81.	2.5	1
128	Delayed Major Bleeding in Critically Ill Trauma Patients. Blood, 2015, 126, 1098-1098.	0.6	1
129	Effect of intravenous immunoglobulins in critically ill adults with sepsis: a meta-analysis. Canadian Journal of Anaesthesia, 2006, 53, A415-A416.	0.7	0
130	Albumin Administration in the Management of Critically Ill Patients: Is It Safe?. Annals of Emergency Medicine, 2009, 54, 114-116.	0.3	0
131	Restrictive red blood cell transfusion and alternatives to transfusion in the critically ill: a review of the clinical evidence. Therapy: Open Access in Clinical Medicine, 2009, 6, 747-757.	0.2	0
132	Anemia and blood transfusion. , 0, , 53-67.		0
133	Reporting of mesenchymal stromal cell (MSC) manufacturing and characterization in a systematic review of MSC treatment for pre-clinical models of sepsis. Cytotherapy, 2015, 17, S40.	0.3	0
134	Establishing "on demand―availability of freshly harvested allogeneic mesenchymal stem cells for the use in cellular immunotherapy for septic shock (CISS) trial. Cytotherapy, 2015, 17, S72.	0.3	0
135	Regulatory environment for the development of an allogeneic mesenchymal stromal cell product for use in clinical trials. Cytotherapy, 2015, 17, S25.	0.3	0
136	External validation demonstrated the Ottawa SAH prediction models can identify pSAH using health administrative data. Journal of Clinical Epidemiology, 2020, 126, 122-130.	2.4	0