

Shannon M Fernando

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

2,800
citations

186254

28
h-index

214788

47
g-index

111
all docs

111
docs citations

111
times ranked

3473
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Accuracy of the Quick Sequential Organ Failure Assessment for Mortality in Patients With Suspected Infection. <i>Annals of Internal Medicine</i> , 2018, 168, 266.	3.9	196
2	Extracorporeal membrane oxygenation for COVID-19: a systematic review and meta-analysis. <i>Critical Care</i> , 2021, 25, 211.	5.8	185
3	Necrotizing Soft Tissue Infection: Diagnostic Accuracy of Physical Examination, Imaging, and LRINEC Score. <i>Annals of Surgery</i> , 2019, 269, 58-65.	4.2	171
4	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 dâ€™aÃ©rosolisation, de dispersion et de transmission de lâ€™infection. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1217-1248.	1.6	139
5	Milrinone as Compared with Dobutamine in the Treatment of Cardiogenic Shock. <i>New England Journal of Medicine</i> , 2021, 385, 516-525.	27.0	129
6	Diagnosis of elevated intracranial pressure in critically ill adults: systematic review and meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 366, l4225.	2.3	100
7	Diagnosis of ventilator-associated pneumonia in critically ill adult patientsâ€™ a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2020, 46, 1170-1179.	8.2	98
8	Clinical implications of the Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). <i>Cmaj</i> , 2018, 190, E1058-E1059.	2.0	76
9	Pre-arrest and intra-arrest prognostic factors associated with survival after in-hospital cardiac arrest: systematic review and meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 367, l6373.	2.3	68
10	Frailty and invasive mechanical ventilation: association with outcomes, extubation failure, and tracheostomy. <i>Intensive Care Medicine</i> , 2019, 45, 1742-1752.	8.2	64
11	Targeted temperature management following out-of-hospital cardiac arrest: a systematic review and network meta-analysis of temperature targets. <i>Intensive Care Medicine</i> , 2021, 47, 1078-1088.	8.2	63
12	Frailty and Associated Outcomes and Resource Utilization Among Older ICU Patients With Suspected Infection. <i>Critical Care Medicine</i> , 2019, 47, e669-e676.	0.9	57
13	Myocyte Androgen Receptors Increase Metabolic Rate and Improve Body Composition by Reducing Fat Mass. <i>Endocrinology</i> , 2010, 151, 3125-3132.	2.8	55
14	Mortality and costs following extracorporeal membrane oxygenation in critically ill adults: a population-based cohort study. <i>Intensive Care Medicine</i> , 2019, 45, 1580-1589.	8.2	54
15	Intracerebral Hemorrhage Incidence, Mortality, and Association With Oral Anticoagulation Use. <i>Stroke</i> , 2021, 52, 1673-1681.	2.0	48
16	Misinformation During the Coronavirus Disease 2019 Outbreak: How Knowledge Emerges From Noise. , 2020, 2, e0098.		46
17	Prognostic Accuracy of the <sc>HEART</sc> Score for Prediction of Major Adverse Cardiac Events in Patients Presenting With Chest Pain: A Systematic Review and Meta-analysis. <i>Academic Emergency Medicine</i> , 2019, 26, 140-151.	1.8	45
18	Efficacy and safety of tranexamic acid in acute traumatic brain injury: a systematic review and meta-analysis of randomized-controlled trials. <i>Intensive Care Medicine</i> , 2021, 47, 14-27.	8.2	45

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19	Outcomes and Costs of Patients Admitted to the ICU Due to Spontaneous Intracranial Hemorrhage. <i>Critical Care Medicine</i> , 2018, 46, e395-e403.	0.9	42
20	Sepsis-3 Septic Shock Criteria and Associated Mortality Among Infected Hospitalized Patients Assessed by a Rapid Response Team. <i>Chest</i> , 2018, 154, 309-316.	0.8	42
21	Pre-arrest and intra-arrest prognostic factors associated with survival following traumatic out-of-hospital cardiac arrest – A systematic review and meta-analysis. <i>Resuscitation</i> , 2020, 153, 119-135.	3.0	38
22	Emergency Department disposition decisions and associated mortality and costs in ICU patients with suspected infection. <i>Critical Care</i> , 2018, 22, 172.	5.8	36
23	New-onset atrial fibrillation and associated outcomes and resource use among critically ill adults—a multicenter retrospective cohort study. <i>Critical Care</i> , 2020, 24, 15.	5.8	36
24	Suicide and self-harm in adult survivors of critical illness: population based cohort study. <i>BMJ</i> , The, 2021, 373, n973.	6.0	35
25	Evolving outcomes of extracorporeal membrane oxygenation during the first 2 years of the COVID-19 pandemic: a systematic review and meta-analysis. <i>Critical Care</i> , 2022, 26, .	5.8	34
26	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.	8.2	32
27	Overexpression of Androgen Receptors in Target Musculature Confers Androgen Sensitivity to Motoneuron Dendrites. <i>Endocrinology</i> , 2011, 152, 639-650.	2.8	31
28	Prognostic association of frailty with post-arrest outcomes following cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2021, 167, 242-250.	3.0	31
29	Characteristics, Outcomes, and Cost Patterns of High-Cost Patients in the Intensive Care Unit. <i>Critical Care Research and Practice</i> , 2018, 2018, 1-7.	1.1	30
30	Heart Rate Variability, Clinical and Laboratory Measures to Predict Future Deterioration in Patients Presenting With Sepsis. <i>Shock</i> , 2019, 51, 416-422.	2.1	30
31	Frailty and associated outcomes and resource utilization following in-hospital cardiac arrest. <i>Resuscitation</i> , 2020, 146, 138-144.	3.0	30
32	Sexual Differentiation of the Spinal Nucleus of the Bulbocavernosus Is Not Mediated Solely by Androgen Receptors in Muscle Fibers. <i>Endocrinology</i> , 2009, 150, 3207-3213.	2.8	29
33	Prognostic accuracy of the Hamilton Early Warning Score (HEWS) and the National Early Warning Score 2 (NEWS2) among hospitalized patients assessed by a rapid response team. <i>Critical Care</i> , 2019, 23, 60.	5.8	29
34	VTE Prophylaxis in Critically Ill Adults. <i>Chest</i> , 2022, 161, 418-428.	0.8	27
35	Delirium and Associated Length of Stay and Costs in Critically Ill Patients. <i>Critical Care Research and Practice</i> , 2021, 2021, 1-8.	1.1	25
36	Analysis of bystander CPR quality during out-of-hospital cardiac arrest using data derived from automated external defibrillators. <i>Resuscitation</i> , 2018, 128, 138-143.	3.0	24

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37	Factors associated with delayed rapid response team activation. <i>Journal of Critical Care</i> , 2018, 46, 73-78.	2.2	24
38	Efficacy and Safety of Low Molecular Weight Heparin Versus Unfractionated Heparin for Prevention of Venous Thromboembolism in Trauma Patients. <i>Annals of Surgery</i> , 2022, 275, 19-28.	4.2	23
39	Impact of nighttime Rapid Response Team activation on outcomes of hospitalized patients with acute deterioration. <i>Critical Care</i> , 2018, 22, 67.	5.8	21
40	Diagnosis and management of acute respiratory distress syndrome. <i>Cmaj</i> , 2021, 193, E761-E768.	2.0	21
41	The association between mean arterial pressure and outcomes in patients with cardiogenic shock: insights from the DOREMI trial. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 712-720.	1.0	21
42	Parenteral Vitamin C in Patients with Severe Infection: A Systematic Review. , 2022, 1, .		20
43	Outcomes of Older Hospitalized Patients Requiring Rapid Response Team Activation for Acute Deterioration. <i>Critical Care Medicine</i> , 2018, 46, 1953-1960.	0.9	19
44	An Analysis of Pay-for-Performance Schemes and Their Potential Impacts on Health Systems and Outcomes for Patients. <i>Critical Care Research and Practice</i> , 2019, 2019, 1-7.	1.1	17
45	Lung-Protective Ventilation and Associated Outcomes and Costs Among Patients Receiving Invasive Mechanical Ventilation in the ED. <i>Chest</i> , 2021, 159, 606-618.	0.8	17
46	Subcellular effects of myocyte-specific androgen receptor overexpression in mice. <i>Journal of Endocrinology</i> , 2011, 210, 93-104.	2.6	15
47	Long-term survival and costs following extracorporeal membrane oxygenation in critically ill childrenâ€”a population-based cohort study. <i>Critical Care</i> , 2020, 24, 131.	5.8	15
48	Lactate Clearance as a Surrogate for Mortality in Cardiogenic Shock: Insights From the DOREMI Trial. <i>Journal of the American Heart Association</i> , 2022, 11, e023322.	3.7	15
49	Use of the low-frequency/high-frequency ratio of heart rate variability to predict short-term deterioration in emergency department patients with sepsis. <i>Emergency Medicine Journal</i> , 2018, 35, 96-102.	1.0	14
50	Impact of Anticoagulation on Mortality and Resource Utilization Among Critically Ill Patients With Major Bleeding. <i>Critical Care Medicine</i> , 2020, 48, 515-524.	0.9	14
51	Canadian Critical Care Society clinical practice guideline: The use of vasopressin and vasopressin analogues in critically ill adults with distributive shock. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 369-376.	1.6	14
52	Prevalence, Risk Factors, and Clinical Consequences of Recurrent Activation of a Rapid Response Team: A Multicenter Observational Study. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 782-789.	2.8	13
53	Development and evaluation of an evidence-based, theory-grounded online Clinical Frailty Scale tutorial. <i>Age and Ageing</i> , 2022, 51, .	1.6	13
54	Comparison of outcomes and costs between adult diabetic ketoacidosis patients admitted to the ICU and step-down unit. <i>Journal of Critical Care</i> , 2019, 50, 257-261.	2.2	12

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55	Frailty and associated prognosis among older emergency department patients with suspected infection: A prospective, observational cohort study. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 687-691.	1.1	12
56	Tranexamic acid in cardiac surgery: a systematic review and meta-analysis (protocol). <i>BMJ Open</i> , 2019, 9, e028585.	1.9	11
57	Outcomes and Costs of Patients Admitted to the Intensive Care Unit Due to Accidental or Intentional Poisoning. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 386-393.	2.8	11
58	Clinical trials in COVID-19 management & prevention: A meta-epidemiological study examining methodological quality. <i>Journal of Clinical Epidemiology</i> , 2021, 139, 68-79.	5.0	11
59	Outcomes and Resource Utilization Among Patients Admitted to the Intensive Care Unit Following Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <i>Journal of Intensive Care Medicine</i> , 2020, 36, 088506662094486.	2.8	10
60	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.	6.7	10
61	Accuracy of presenting symptoms, physical examination, and imaging for diagnosis of ruptured abdominal aortic aneurysm: Systematic review and meta-analysis. <i>Academic Emergency Medicine</i> , 2022, 29, 486-496.	1.8	10
62	Optimal Perfusion Targets in Cardiogenic Shock. , 2022, 1, 100034.		10
63	Outcomes of hospitalized hematologic oncology patients receiving rapid response system activation for acute deterioration. <i>Critical Care</i> , 2019, 23, 286.	5.8	9
64	Dynamic Assessment of Fluid Responsiveness in Surgical ICU Patients Through Stroke Volume Variation is Associated With Decreased Length of Stay and Costs: A Systematic Review and Meta-Analysis. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 14-23.	2.8	9
65	Increasing Pupil Size Is Associated with Increasing Cognitive Processing Demands: A Pilot Study Using a Mobile Eye-Tracking Device. <i>Open Journal of Emergency Medicine</i> , 2014, 02, 8-11.	0.2	9
66	Administration of Parenteral Vitamin C in Patients With Severe Infection: Protocol for a Systematic Review and Meta-analysis. <i>JMIR Research Protocols</i> , 2022, 11, e33989.	1.0	9
67	Post-Extubation Dysphagia. <i>Chest</i> , 2020, 158, 1806-1807.	0.8	8
68	Media Portrayals of Outcomes After Extracorporeal Membrane Oxygenation. <i>JAMA Internal Medicine</i> , 2021, 181, 391.	5.1	8
69	Mechanical circulatory support in the treatment of cardiogenic shock. <i>Current Opinion in Critical Care</i> , 0, Publish Ahead of Print, .	3.2	8
70	Hands-on defibrillation and electrocardiogram artefact filtering technology increases chest compression fraction and decreases peri-shock pause duration in a simulation model of cardiac arrest. <i>Canadian Journal of Emergency Medicine</i> , 2016, 18, 270-275.	1.1	7
71	Faculty mentorship during residency and professional development among practising emergency physicians. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 944-951.	1.1	7
72	Monitoring intensive care unit performance—impact of a novel individualised performance scorecard in critical care medicine: a mixed-methods study protocol. <i>BMJ Open</i> , 2018, 8, e019165.	1.9	7

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73	Helpful Only When Elevated: Initial Serum Lactate in Stable Emergency Department Patients with Sepsis Is Specific, but Not Sensitive for Future Deterioration. <i>Journal of Emergency Medicine</i> , 2018, 54, 766-773.	0.7	7
74	Long-term mortality and costs following use of Impella® for mechanical circulatory support: a population-based cohort study. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1728-1737.	1.6	7
75	Comparison of ventilatory modes to facilitate liberation from mechanical ventilation: protocol for a systematic review and network meta-analysis. <i>BMJ Open</i> , 2019, 9, e030407.	1.9	6
76	Targeted temperature management after out-of-hospital cardiac arrest, no de-implementation required based on network meta analysis. Author's reply. <i>Intensive Care Medicine</i> , 2021, 47, 1507-1508.	8.2	6
77	Prognostic factors associated with development of infected necrosis in patients with acute necrotizing or severe pancreatitis? A systematic review and meta-analysis. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, 940-948.	2.1	6
78	Can Early Warning Systems Enhance Detection of High Risk Patients by Rapid Response Teams?. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 542-549.	2.8	5
79	Risk of dispersion or aerosol generation and infection transmission with nasopharyngeal and oropharyngeal swabs for detection of COVID-19: a systematic review. <i>BMJ Open</i> , 2021, 11, e040616.	1.9	5
80	Short- and Long-term Health Care Resource Utilization and Costs Following Intracerebral Hemorrhage. <i>Neurology</i> , 2021, 97, e608-e618.	1.1	5
81	Mental health morbidity, self-harm, and suicide in ICU survivors and caregivers. <i>Intensive Care Medicine</i> , 2022, 48, 1084-1087.	8.2	5
82	Recurrent non-epileptiform seizure-like phenomena secondary to propofol administration. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 783-785.	1.6	4
83	Costs and Outcomes of Patients Admitted to the Intensive Care Unit With Cancer. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 203-210.	2.8	4
84	Increased Mortality and Costs Associated with Adverse Events in Intensive Care Unit Patients. <i>Journal of Intensive Care Medicine</i> , 2022, 37, 1075-1081.	2.8	4
85	Characterizing systematic challenges in sample size determination for sepsis trials. <i>Intensive Care Medicine</i> , 2022, 48, 750-752.	8.2	4
86	Subarachnoid hemorrhage. <i>Cmaj</i> , 2017, 189, E1421-E1421.	2.0	3
87	Hypoxemic Respiratory Failure from Acute Respiratory Distress Syndrome Secondary to Leptospirosis. <i>Case Reports in Critical Care</i> , 2017, 2017, 1-4.	0.4	3
88	Preadmission Antiplatelet Use and Associated Outcomes and Costs Among ICU Patients With Intracranial Hemorrhage. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 70-79.	2.8	3
89	Prognostic Factors Associated With Development of Venous Thromboembolism in Critically Ill Patients? A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2022, 50, e370-e381.	0.9	3
90	Predictors of mortality and cost among surgical patients requiring rapid response team activation. <i>Canadian Journal of Surgery</i> , 2020, 63, E598-E605.	1.2	3

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91	Cost analysis of Omega-3 supplementation in critically ill patients with sepsis. <i>Clinical Nutrition ESPEN</i> , 2018, 25, 63-67.	1.2	2
92	View From the Top: Point-of-Care Ultrasound Diagnosis of Type A Aortic Dissection Using the Suprasternal View. <i>Journal of Emergency Medicine</i> , 2018, 54, e13-e14.	0.7	2
93	Hospital resource use and costs among abdominal aortic aneurysm repair patients admitted to the intensive care unit. <i>Journal of Vascular Surgery</i> , 2020, 71, 1190-1199.e5.	1.1	2
94	On Baseball, Counterfactuals, and Measuring Care Delivery Performance at the Emergency Departmentâ€™ Intensive Care Unit Interface. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1532-1534.	3.2	2
95	Inotropes for cardiogenic shock â€™ Six of one, half a dozen of the other. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022, 41, 101004.	1.4	2
96	Assessment of Age and Sex Differences in Risk of 1-Year Mortality After Emergency Department Visits Caused by Alcohol Use. <i>JAMA Network Open</i> , 2022, 5, e225499.	5.9	2
97	A way toward ventilator-associated lower respiratory tract infection research: reply. <i>Intensive Care Medicine</i> , 2020, 46, 1506-1507.	8.2	1
98	Media Portrayals of the ARDS. <i>Chest</i> , 2021, 160, 965-968.	0.8	1
99	Characteristics and Outcomes for Low-Risk Hospital Admissions Admitted to the ICU: A Multisite Cohort Study. , 2021, 3, e0596.		1
100	The Right Ventricle in Cardiorespiratory Failure. <i>Current Pulmonology Reports</i> , 2017, 6, 169-178.	1.3	0
101	Iatrogenic pulmonary air embolism. <i>Cmaj</i> , 2017, 189, E1069-E1069.	2.0	0
102	Hypercapnea and Acidemia despite Hyperventilation following Endotracheal Intubation in a Case of Unknown Severe Salicylate Poisoning. <i>Case Reports in Critical Care</i> , 2017, 2017, 1-3.	0.4	0
103	Comment on: â€™Helpful Only When Elevated: Initial Serum Lactate in Stable Emergency Department Patients With Sepsis Is Specific, but Not Sensitive for Future Deteriorationâ€™. <i>Journal of Emergency Medicine</i> , 2019, 56, 228-229.	0.7	0
104	In Reply:. <i>Academic Emergency Medicine</i> , 2019, 26, 704-706.	1.8	0
105	Just the Facts: Extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 760-763.	1.1	0
106	Just the Facts: Diagnosis and risk-stratification following transient ischemic attack. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 285-286.	1.1	0
107	Response. <i>Chest</i> , 2021, 159, 1301-1302.	0.8	0
108	Sweeping TTM conclusion may deprive many post-arrest patients of effective therapy. Authorâ€™s reply. <i>Intensive Care Medicine</i> , 2021, 47, 1511-1512.	8.2	0

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109	Media portrayals of pulmonary embolism. <i>Thrombosis Research</i> , 2021, 206, 52-54.	1.7	0