

# Sean M Bagshaw

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

347 papers	22,539 citations	77 h-index	142 g-index
392 ext. papers	27,769 ext. citations	5.8 avg, IF	7 L-index

#	Paper	IF	Citations
347	Epidemiology of acute kidney injury in critically ill patients: the multinational AKI-EPI study. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1411-23	14.5	1131
346	Timing of renal replacement therapy and clinical outcomes in critically ill patients with severe acute kidney injury. <i>Journal of Critical Care</i> , <b>2009</b> , 24, 129-40	4	760
345	Discovery and validation of cell cycle arrest biomarkers in human acute kidney injury. <i>Critical Care</i> , <b>2013</b> , 17, R25	10.8	718
344	Is regional citrate superior to systemic heparin anticoagulation for continuous renal replacement therapy? A prospective observational study in an adult regional critical care system. <i>Journal of Critical Care</i> , <b>2005</b> , 20, 155-61	4	584
343	Cardio-renal syndromes: report from the consensus conference of the acute dialysis quality initiative. <i>European Heart Journal</i> , <b>2010</b> , 31, 703-11	9.5	581
342	Acute kidney disease and renal recovery: consensus report of the Acute Disease Quality Initiative (ADQI) 16 Workgroup. <i>Nature Reviews Nephrology</i> , <b>2017</b> , 13, 241-257	14.9	547
341	Septic acute kidney injury in critically ill patients: clinical characteristics and outcomes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2007</b> , 2, 431-9	6.9	518
340	Epidemiology of Acute Kidney Injury in Critically Ill Children and Young Adults. <i>New England Journal of Medicine</i> , <b>2017</b> , 376, 11-20	59.2	464
339	Major complications, mortality, and resource utilization after open abdominal surgery: 0.9% saline compared to Plasma-Lyte. <i>Annals of Surgery</i> , <b>2012</b> , 255, 821-9	7.8	460
338	Prognosis for long-term survival and renal recovery in critically ill patients with severe acute renal failure: a population-based study. <i>Critical Care</i> , <b>2005</b> , 9, R700-9	10.8	414
337	Early acute kidney injury and sepsis: a multicentre evaluation. <i>Critical Care</i> , <b>2008</b> , 12, R47	10.8	410
336	A comparison of the RIFLE and AKIN criteria for acute kidney injury in critically ill patients. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 1569-74	4.3	395
335	Acute kidney injury-epidemiology, outcomes and economics. <i>Nature Reviews Nephrology</i> , <b>2014</b> , 10, 193-207	14.9	386
334	A multi-centre evaluation of the RIFLE criteria for early acute kidney injury in critically ill patients. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 1203-10	4.3	349
333	The impact of frailty on intensive care unit outcomes: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1105-1122	14.5	319
332	Global epidemiology and outcomes of acute kidney injury. <i>Nature Reviews Nephrology</i> , <b>2018</b> , 14, 607-625	14.9	311
331	Acute kidney injury in sepsis. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 816-828	14.5	309

330	A comparison of early versus late initiation of renal replacement therapy in critically ill patients with acute kidney injury: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2011</b> , 15, R72	10.8	288
329	Association between frailty and short- and long-term outcomes among critically ill patients: a multicentre prospective cohort study. <i>Cmaj</i> , <b>2014</b> , 186, E95-102	3.5	279
328	Very old patients admitted to intensive care in Australia and New Zealand: a multi-centre cohort analysis. <i>Critical Care</i> , <b>2009</b> , 13, R45	10.8	278
327	Acute kidney injury in septic shock: clinical outcomes and impact of duration of hypotension prior to initiation of antimicrobial therapy. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 871-81	14.5	275
326	Continuous versus intermittent renal replacement therapy for critically ill patients with acute kidney injury: a meta-analysis. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 610-7	1.4	274
325	High-volume versus standard-volume haemofiltration for septic shock patients with acute kidney injury (IVOIRE study): a multicentre randomized controlled trial. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 1535-46	14.5	270
324	Plasma and urine neutrophil gelatinase-associated lipocalin in septic versus non-septic acute kidney injury in critical illness. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 452-61	14.5	261
323	Pathophysiology of septic acute kidney injury: what do we really know?. <i>Critical Care Medicine</i> , <b>2008</b> , 36, S198-203	1.4	260
322	Choice of renal replacement therapy modality and dialysis dependence after acute kidney injury: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 987-97	14.5	213
321	Sepsis-associated acute kidney injury. <i>Seminars in Nephrology</i> , <b>2015</b> , 35, 2-11	4.8	189
320	The impact of early hypoglycemia and blood glucose variability on outcome in critical illness. <i>Critical Care</i> , <b>2009</b> , 13, R91	10.8	184
319	The histopathology of septic acute kidney injury: a systematic review. <i>Critical Care</i> , <b>2008</b> , 12, R38	10.8	176
318	Sodium bicarbonate to prevent increases in serum creatinine after cardiac surgery: a pilot double-blind, randomized controlled trial. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 39-47	1.4	170
317	Changes in the incidence and outcome for early acute kidney injury in a cohort of Australian intensive care units. <i>Critical Care</i> , <b>2007</b> , 11, R68	10.8	168
316	A comparison of observed versus estimated baseline creatinine for determination of RIFLE class in patients with acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 2739-44	4.3	166
315	Effect of Targeted Polymyxin B Hemoperfusion on 28-Day Mortality in Patients With Septic Shock and Elevated Endotoxin Level: The EUPHRATES Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 1455-1463	27.4	153
314	Epidemiology of cardio-renal syndromes: workgroup statements from the 7th ADQI Consensus Conference. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 1406-16	4.3	152
313	Transient azotaemia is associated with a high risk of death in hospitalized patients. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 1833-9	4.3	150

312	Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 240-251	59.2	143
311	Oliguria as predictive biomarker of acute kidney injury in critically ill patients. <i>Critical Care</i> , <b>2011</b> , 15, R172	10.8	142
310	Comparison of standard and accelerated initiation of renal replacement therapy in acute kidney injury. <i>Kidney International</i> , <b>2015</b> , 88, 897-904	9.9	139
309	Long-term association between frailty and health-related quality of life among survivors of critical illness: a prospective multicenter cohort study. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 973-82	1.4	137
308	The association between renal replacement therapy modality and long-term outcomes among critically ill adults with acute kidney injury: a retrospective cohort study*. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 868-77	1.4	137
307	Intensive care unit bed availability and outcomes for hospitalized patients with sudden clinical deterioration. <i>Archives of Internal Medicine</i> , <b>2012</b> , 172, 467-74		137
306	Recovery after critical illness in patients aged 80 years or older: a multi-center prospective observational cohort study. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1911-20	14.5	133
305	Fluid balance as a biomarker: impact of fluid overload on outcome in critically ill patients with acute kidney injury. <i>Critical Care</i> , <b>2008</b> , 12, 169	10.8	133
304	Association Between Fluid Balance and Outcomes in Critically Ill Children: A Systematic Review and Meta-analysis. <i>JAMA Pediatrics</i> , <b>2018</b> , 172, 257-268	8.3	130
303	Urinary biochemistry and microscopy in septic acute renal failure: a systematic review. <i>American Journal of Kidney Diseases</i> , <b>2006</b> , 48, 695-705	7.4	126
302	Early blood glucose control and mortality in critically ill patients in Australia. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 463-70	1.4	122
301	Oliguria, volume overload, and loop diuretics. <i>Critical Care Medicine</i> , <b>2008</b> , 36, S172-8	1.4	118
300	The status of intensive care medicine research and a future agenda for very old patients in the ICU. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1319-1328	14.5	115
299	Frailty in the critically ill: a novel concept. <i>Critical Care</i> , <b>2011</b> , 15, 301	10.8	115
298	A multi-center evaluation of early acute kidney injury in critically ill trauma patients. <i>Renal Failure</i> , <b>2008</b> , 30, 581-9	2.9	114
297	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> , <b>2015</b> , 65, 870-7	7.4	112
296	The role of the medical emergency team in end-of-life care: a multicenter, prospective, observational study. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 98-103	1.4	111
295	Prophylactic amiodarone for prevention of atrial fibrillation after cardiac surgery: a meta-analysis. <i>Annals of Thoracic Surgery</i> , <b>2006</b> , 82, 1927-37	2.7	111

294	One-year mortality in critically ill patients by severity of kidney dysfunction: a population-based assessment. <i>American Journal of Kidney Diseases</i> , <b>2006</b> , 48, 402-9	7.4	109
293	Pathophysiology of the cardiorenal syndromes: executive summary from the eleventh consensus conference of the Acute Dialysis Quality Initiative (ADQI). <i>Contributions To Nephrology</i> , <b>2013</b> , 182, 82-98	1.6	101
292	The Very Elderly Admitted to ICU: A Quality Finish?. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 1352-60	1.4	100
291	Theophylline for prevention of contrast-induced nephropathy: a systematic review and meta-analysis. <i>Archives of Internal Medicine</i> , <b>2005</b> , 165, 1087-93		96
290	Conventional markers of kidney function. <i>Critical Care Medicine</i> , <b>2008</b> , 36, S152-8	1.4	94
289	A survey of nurses' beliefs about the medical emergency team system in a canadian tertiary hospital. <i>American Journal of Critical Care</i> , <b>2010</b> , 19, 74-83	1.7	91
288	Urinary biomarkers in septic acute kidney injury. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 1285-1296	14.5	91
287	Quality Improvement Goals for Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2019</b> , 14, 941-953	6.9	88
286	Acetylcysteine in the prevention of contrast-induced nephropathy: a case study of the pitfalls in the evolution of evidence. <i>Archives of Internal Medicine</i> , <b>2006</b> , 166, 161-6		88
285	Long-Term Effects of Postoperative Delirium in Patients Undergoing Cardiac Operation: A Systematic Review. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1391-9	2.7	87
284	Higher versus lower blood pressure targets for vasopressor therapy in shock: a multicentre pilot randomized controlled trial. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 542-550	14.5	86
283	Permissive Underfeeding or Standard Enteral Feeding in High- and Low-Nutritional-Risk Critically Ill Adults. Post Hoc Analysis of the PermiT Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 652-662	10.2	86
282	Hemofiltration compared to hemodialysis for acute kidney injury: systematic review and meta-analysis. <i>Critical Care</i> , <b>2012</b> , 16, R146	10.8	85
281	Definition and classification of Cardio-Renal Syndromes: workgroup statements from the 7th ADQI Consensus Conference. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 1416-20	4.3	85
280	Cardiorenal syndromes: an executive summary from the consensus conference of the Acute Dialysis Quality Initiative (ADQI). <i>Contributions To Nephrology</i> , <b>2010</b> , 165, 54-67	1.6	85
279	Biomarkers for prediction of renal replacement therapy in acute kidney injury: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 323-336	14.5	83
278	Lung-kidney interactions in critically ill patients: consensus report of the Acute Disease Quality Initiative (ADQI) 21 Workgroup. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 654-672	14.5	83
277	Controversies in acute kidney injury: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. <i>Kidney International</i> , <b>2020</b> , 98, 294-309	9.9	80

276	Epidemiology of intensive care unit-acquired urinary tract infections. <i>Current Opinion in Infectious Diseases</i> , <b>2006</b> , 19, 67-71	5.4	80
275	High-volume hemofiltration for septic acute kidney injury: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2014</b> , 18, R7	10.8	79
274	One-year mortality of bloodstream infection-associated sepsis and septic shock among patients presenting to a regional critical care system. <i>Intensive Care Medicine</i> , <b>2005</b> , 31, 213-9	14.5	79
273	What Determines Do-Not-Resuscitate Status in Critically Ill HIV Patients?. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, S435-S435	1	78
272	Nomenclature for renal replacement therapy in acute kidney injury: basic principles. <i>Critical Care</i> , <b>2016</b> , 20, 318	10.8	78
271	Delayed versus early initiation of renal replacement therapy for severe acute kidney injury: a systematic review and individual patient data meta-analysis of randomised clinical trials. <i>Lancet, The</i> , <b>2020</b> , 395, 1506-1515	40	77
270	Intraoperative renal support during liver transplantation. <i>Liver Transplantation</i> , <b>2009</b> , 15, 73-8	4.5	77
269	Urinary biochemistry in experimental septic acute renal failure. <i>Nephrology Dialysis Transplantation</i> , <b>2006</b> , 21, 3389-97	4.3	70
268	Protocol for the PREHAB study-Pre-operative Rehabilitation for reduction of Hospitalization After coronary Bypass and valvular surgery: a randomised controlled trial. <i>BMJ Open</i> , <b>2015</b> , 5, e007250	3	69
267	Disorders of sodium and water balance in hospitalized patients. <i>Canadian Journal of Anaesthesia</i> , <b>2009</b> , 56, 151-67	3	68
266	A prospective multicenter cohort study of frailty in younger critically ill patients. <i>Critical Care</i> , <b>2016</b> , 20, 175	10.8	67
265	A Scoping Review of Frailty and Acute Care in Middle-Aged and Older Individuals with Recommendations for Future Research. <i>Canadian Geriatrics Journal</i> , <b>2017</b> , 20, 22-37	2.8	66
264	Neutrophil gelatinase-associated lipocalin: ready for routine clinical use? An international perspective. <i>Blood Purification</i> , <b>2014</b> , 37, 271-85	3.1	66
263	Standard versus accelerated initiation of renal replacement therapy in acute kidney injury (STARTR-AKI): study protocol for a randomized controlled trial. <i>Trials</i> , <b>2013</b> , 14, 320	2.8	65
262	A systematic review of urinary findings in experimental septic acute renal failure. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 1592-8	1.4	64
261	The long-term outcome after acute renal failure. <i>Current Opinion in Critical Care</i> , <b>2006</b> , 12, 561-6	3.5	64
260	Timing of RRT based on the presence of conventional indications. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2014</b> , 9, 1577-85	6.9	62
259	A prospective evaluation of urine microscopy in septic and non-septic acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 582-8	4.3	62

258	Pre-renal azotemia: a flawed paradigm in critically ill septic patients?. <i>Contributions To Nephrology</i> , <b>2007</b> , 156, 1-9	1.6	62
257	Precision Continuous Renal Replacement Therapy and Solute Control. <i>Blood Purification</i> , <b>2016</b> , 42, 238-47	3.1	62
256	Urinary Tissue Inhibitor of Metalloproteinase-2 and Insulin-Like Growth Factor-Binding Protein 7 for Risk Stratification of Acute Kidney Injury in Patients With Sepsis. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 1851-60	1.4	61
255	Screening for Frailty in Canada's Health Care System: A Time for Action. <i>Canadian Journal on Aging</i> , <b>2016</b> , 35, 281-97	1.6	60
254	Effect of Stress Ulcer Prophylaxis With Proton Pump Inhibitors vs Histamine-2 Receptor Blockers on In-Hospital Mortality Among ICU Patients Receiving Invasive Mechanical Ventilation: The PEPTIC Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 616-626	27.4	59
253	Utilizing electronic health records to predict acute kidney injury risk and outcomes: workgroup statements from the 15(th) ADQI Consensus Conference. <i>Canadian Journal of Kidney Health and Disease</i> , <b>2016</b> , 3, 11	2.3	58
252	Clinical factors associated with initiation of renal replacement therapy in critically ill patients with acute kidney injury-a prospective multicenter observational study. <i>Journal of Critical Care</i> , <b>2012</b> , 27, 268-75	4.5	58
251	Urine biochemistry in septic and non-septic acute kidney injury: a prospective observational study. <i>Journal of Critical Care</i> , <b>2013</b> , 28, 371-8	4	58
250	Assessing frailty in the intensive care unit: A reliability and validity study. <i>Journal of Critical Care</i> , <b>2018</b> , 45, 197-203	4	57
249	Acute Kidney Injury in Cardiorenal Syndrome Type 1 Patients: A Systematic Review and Meta-Analysis. <i>CardioRenal Medicine</i> , <b>2016</b> , 6, 116-28	2.8	56
248	Dialysis Disequilibrium Syndrome: brain death following hemodialysis for metabolic acidosis and acute renal failure--a case report. <i>BMC Nephrology</i> , <b>2004</b> , 5, 9	2.7	56
247	Current state of the art for renal replacement therapy in critically ill patients with acute kidney injury. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 841-854	14.5	55
246	A proposed algorithm for initiation of renal replacement therapy in adult critically ill patients. <i>Critical Care</i> , <b>2009</b> , 13, 317	10.8	55
245	Cystatin C in acute kidney injury. <i>Current Opinion in Critical Care</i> , <b>2010</b> , 16, 533-9	3.5	55
244	The intensive care medicine agenda on acute kidney injury. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1198-1209	14.5	53
243	Cardiorenal syndrome type 3: pathophysiologic and epidemiologic considerations. <i>Contributions To Nephrology</i> , <b>2013</b> , 182, 137-57	1.6	52
242	Early diagnosis of acute kidney injury. <i>Current Opinion in Critical Care</i> , <b>2007</b> , 13, 638-44	3.5	52
241	Secondary EMR data for quality improvement and research: A comparison of manual and electronic data collection from an integrated critical care electronic medical record system. <i>Journal of Critical Care</i> , <b>2018</b> , 47, 295-301	4	50

240	Polymyxin B-immobilized hemoperfusion and mortality in critically ill adult patients with sepsis/septic shock: a systematic review with meta-analysis and trial sequential analysis. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 167-178	14.5	49
239	Loop diuretics in the management of acute renal failure: a systematic review and meta-analysis. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , <b>2007</b> , 9, 60-8	2.8	49
238	Economics of dialysis dependence following renal replacement therapy for critically ill acute kidney injury patients. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30, 54-61	4.3	47
237	Combination of biomarkers for diagnosis of acute kidney injury after cardiopulmonary bypass. <i>Renal Failure</i> , <b>2015</b> , 37, 408-16	2.9	47
236	The role of frailty in outcomes from critical illness. <i>Current Opinion in Critical Care</i> , <b>2013</b> , 19, 496-503	3.5	47
235	Admission of the very elderly to the intensive care unit: family members' perspectives on clinical decision-making from a multicenter cohort study. <i>Palliative Medicine</i> , <b>2015</b> , 29, 324-35	5.5	46
234	Diuretics in the management of acute kidney injury: a multinational survey. <i>Contributions To Nephrology</i> , <b>2007</b> , 156, 236-49	1.6	46
233	Renal blood flow, fractional excretion of sodium and acute kidney injury: time for a new paradigm?. <i>Current Opinion in Critical Care</i> , <b>2012</b> , 18, 585-92	3.5	45
232	Effect of Regional Citrate Anticoagulation vs Systemic Heparin Anticoagulation During Continuous Kidney Replacement Therapy on Dialysis Filter Life Span and Mortality Among Critically Ill Patients With Acute Kidney Injury: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 324, 1629-1639	27.4	44
231	Extracorporeal Blood Purification and Organ Support in the Critically Ill Patient during COVID-19 Pandemic: Expert Review and Recommendation. <i>Blood Purification</i> , <b>2021</b> , 50, 17-27	3.1	44
230	Applications for detection of acute kidney injury using electronic medical records and clinical information systems: workgroup statements from the 15(th) ADQI Consensus Conference. <i>Canadian Journal of Kidney Health and Disease</i> , <b>2016</b> , 3, 9	2.3	43
229	Impact of electronic-alerting of acute kidney injury: workgroup statements from the 15(th) ADQI Consensus Conference. <i>Canadian Journal of Kidney Health and Disease</i> , <b>2016</b> , 3, 10	2.3	43
228	Use of biomarkers to assess prognosis and guide management of patients with acute kidney injury. <i>Contributions To Nephrology</i> , <b>2013</b> , 182, 45-64	1.6	43
227	Clinical Outcomes Associated with Home Mechanical Ventilation: A Systematic Review. <i>Canadian Respiratory Journal</i> , <b>2016</b> , 2016, 6547180	2.1	43
226	Association between e-alert implementation for detection of acute kidney injury and outcomes: a systematic review. <i>Nephrology Dialysis Transplantation</i> , <b>2017</b> , 32, 265-272	4.3	42
225	Critical care capacity in Canada: results of a national cross-sectional study. <i>Critical Care</i> , <b>2015</b> , 19, 133	10.8	42
224	Fluids are drugs: type, dose and toxicity. <i>Current Opinion in Critical Care</i> , <b>2013</b> , 19, 290-8	3.5	42
223	Quality indicators of continuous renal replacement therapy (CRRT) care in critically ill patients: a systematic review. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 750-763	14.5	41

222	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> , <b>2012</b> , 16, R205	10.8	41
221	Assessment and Utility of Frailty Measures in Critical Illness, Cardiology, and Cardiac Surgery. <i>Canadian Journal of Cardiology</i> , <b>2016</b> , 32, 1157-65	3.8	40
220	Strategies for the optimal timing to start renal replacement therapy in critically ill patients with acute kidney injury. <i>Kidney International</i> , <b>2017</b> , 91, 1022-1032	9.9	39
219	Biomarker strategies to predict need for renal replacement therapy in acute kidney injury. <i>Seminars in Dialysis</i> , <b>2011</b> , 24, 124-31	2.5	39
218	Frailty and Associated Outcomes and Resource Utilization Among Older ICU Patients With Suspected Infection. <i>Critical Care Medicine</i> , <b>2019</b> , 47, e669-e676	1.4	39
217	Interventions to prevent hemodynamic instability during renal replacement therapy in critically ill patients: a systematic review. <i>Critical Care</i> , <b>2018</b> , 22, 41	10.8	38
216	Biomarkers in kidney and heart disease. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 62-74	4.3	38
215	Heart-kidney interaction: epidemiology of cardiorenal syndromes. <i>International Journal of Nephrology</i> , <b>2010</b> , 2011, 351291	1.7	38
214	Frailty and invasive mechanical ventilation: association with outcomes, extubation failure, and tracheostomy. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1742-1752	14.5	37
213	Evidence-based medicine: classifying the evidence from clinical trials--the need to consider other dimensions. <i>Critical Care</i> , <b>2006</b> , 10, 232	10.8	37
212	Timing of initiation of renal replacement therapy for acute kidney injury: a survey of nephrologists and intensivists in Canada. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 2761-7	4.3	36
211	[Review article: Acute kidney injury in critical illness]. <i>Canadian Journal of Anaesthesia</i> , <b>2010</b> , 57, 985-98	3	36
210	The influence of volume management on outcome. <i>Current Opinion in Critical Care</i> , <b>2007</b> , 13, 541-8	3.5	36
209	Mechanisms for hemodynamic instability related to renal replacement therapy: a narrative review. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1333-1346	14.5	35
208	Frailty in very old critically ill patients in Australia and New Zealand: a population-based cohort study. <i>Medical Journal of Australia</i> , <b>2019</b> , 211, 318-323	4	35
207	The effect of low-dose furosemide in critically ill patients with early acute kidney injury: A pilot randomized blinded controlled trial (the SPARK study). <i>Journal of Critical Care</i> , <b>2017</b> , 42, 138-146	4	35
206	Prevention and treatment of sepsis-induced acute kidney injury: an update. <i>Annals of Intensive Care</i> , <b>2015</b> , 5, 51	8.9	35
205	Assessment of the Safety of Discharging Select Patients Directly Home From the Intensive Care Unit: A Multicenter Population-Based Cohort Study. <i>JAMA Internal Medicine</i> , <b>2018</b> , 178, 1390-1399	11.5	34

204	Epidemiology and outcome of the cardio-renal syndrome. <i>Heart Failure Reviews</i> , <b>2011</b> , 16, 531-42	5	34
203	Kinetics of Urinary Cell Cycle Arrest Markers for Acute Kidney Injury Following Exposure to Potential Renal Insults. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 375-383	1.4	34
202	Timing of onset of persistent critical illness: a multi-centre retrospective cohort study. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 2134-2144	14.5	34
201	Critical care transition programs and the risk of readmission or death after discharge from ICU. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 401-410	14.5	33
200	Association between renal replacement therapy in critically ill patients with severe acute kidney injury and mortality. <i>Journal of Critical Care</i> , <b>2013</b> , 28, 1011-8	4	33
199	Management of Acute Respiratory Distress Syndrome and Refractory Hypoxemia. A Multicenter Observational Study. <i>Annals of the American Thoracic Society</i> , <b>2017</b> , 14, 1818-1826	4.7	33
198	A case-control study of single-pass albumin dialysis for acetaminophen-induced acute liver failure. <i>Blood Purification</i> , <b>2009</b> , 28, 151-8	3.1	33
197	Association between strained capacity and mortality among patients admitted to intensive care: A path-analysis modeling strategy. <i>Journal of Critical Care</i> , <b>2018</b> , 43, 81-87	4	32
196	Incidence and long-term outcomes of critically ill adult patients with moderate-to-severe diabetic ketoacidosis: retrospective matched cohort study. <i>Journal of Critical Care</i> , <b>2014</b> , 29, 971-7	4	32
195	Postoperative Complications and Outcomes Associated With a Transition to 24/7 Intensivist Management of Cardiac Surgery Patients. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 993-1000	1.4	31
194	Optimizing administrative datasets to examine acute kidney injury in the era of big data: workgroup statement from the 15(th) ADQI Consensus Conference. <i>Canadian Journal of Kidney Health and Disease</i> , <b>2016</b> , 3, 12	2.3	31
193	Incidence and outcomes of acute kidney injury following orthotopic lung transplantation: a population-based cohort study. <i>Nephrology Dialysis Transplantation</i> , <b>2014</b> , 29, 1702-9	4.3	31
192	An evaluation of intraoperative renal support during liver transplantation: a matched cohort study. <i>Blood Purification</i> , <b>2011</b> , 32, 238-48	3.1	31
191	Controversies in fluid therapy: Type, dose and toxicity. <i>World Journal of Critical Care Medicine</i> , <b>2014</b> , 3, 24-33	3	30
190	A multi-center prospective cohort study of patient transfers from the intensive care unit to the hospital ward. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1485-1494	14.5	30
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188	Health-related quality-of-life among survivors of acute kidney injury in the intensive care unit: a systematic review. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 137-46	14.5	29
187	Prevention of cardio-renal syndromes: workgroup statements from the 7th ADQI Consensus Conference. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 1777-84	4.3	29

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185	Corticosteroids to prevent extubation failure: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 977-86	14.5	28
184	Clinical characteristics and outcomes of patients with acute myelogenous leukemia admitted to intensive care: a case-control study. <i>BMC Cancer</i> , <b>2010</b> , 10, 516	4.8	28
183	Healthcare Provider Perceptions of Causes and Consequences of ICU Capacity Strain in a Large Publicly Funded Integrated Health Region: A Qualitative Study. <i>Critical Care Medicine</i> , <b>2017</b> , 45, e347-e356 <sup>1,4</sup>	1.4	27
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181	Indicators of intensive care unit capacity strain: a systematic review. <i>Critical Care</i> , <b>2018</b> , 22, 86	10.8	26
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179	The Effect of Inadequate Initial Empiric Antimicrobial Treatment on Mortality in Critically Ill Patients with Bloodstream Infections: A Multi-Centre Retrospective Cohort Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154944	3.7	26
178	Stakeholder Engagement to Identify Priorities for Improving the Quality and Value of Critical Care. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140141	3.7	25
177	A Multicenter Observational Study of Family Participation in ICU Rounds. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 1255-1262	1.4	24
176	Blood glucose control among critically ill patients with brain injury. <i>Canadian Journal of Neurological Sciences</i> , <b>2009</b> , 36, 436-42	1	24
175	Drug-induced rash with eosinophilia and systemic symptoms syndrome with bupropion administration. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2003</b> , 90, 572-5	3.2	24
174	Pathophysiology and management of septic acute kidney injury. <i>Pediatric Nephrology</i> , <b>2014</b> , 29, 1-12	3.2	23
173	Patient, family and provider experiences with transfers from intensive care unit to hospital ward: a multicentre qualitative study. <i>Cmaj</i> , <b>2018</b> , 190, E669-E676	3.5	22
172	Hydroxyethyl starch for fluid resuscitation in critically ill patients. <i>Canadian Journal of Anaesthesia</i> , <b>2013</b> , 60, 709-13	3	22
171	Acute kidney injury among critically ill patients with pandemic H1N1 influenza A in Canada: cohort study. <i>BMC Nephrology</i> , <b>2013</b> , 14, 123	2.7	22
170	Association Between Nighttime Discharge from the Intensive Care Unit and Hospital Mortality: A Multi-Center Retrospective Cohort Study. <i>BMC Health Services Research</i> , <b>2015</b> , 15, 378	2.9	22
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163	Establishing a continuum of acute kidney injury - tracing AKI using data source linkage and long-term follow-up: Workgroup Statements from the 15th ADQI Consensus Conference. <i>Canadian Journal of Kidney Health and Disease</i> , <b>2016</b> , 3, 13	2.3	19
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161	Intermittent furosemide administration in patients with or at risk for acute kidney injury: Meta-analysis of randomized trials. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196088	3.7	18
160	Association between transient acute kidney injury and morbidity and mortality after lung transplantation: a retrospective cohort study. <i>Journal of Critical Care</i> , <b>2014</b> , 29, 1028-34	4	18
159	Review article: Renal support in critical illness. <i>Canadian Journal of Anaesthesia</i> , <b>2010</b> , 57, 999-1013	3	18
158	The SPARK Study: a phase II randomized blinded controlled trial of the effect of furosemide in critically ill patients with early acute kidney injury. <i>Trials</i> , <b>2010</b> , 11, 50	2.8	18
157	Safety of a Restrictive versus Liberal Approach to Red Blood Cell Transfusion on the Outcome of AKI in Patients Undergoing Cardiac Surgery: A Randomized Clinical Trial. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 1294-1304	12.7	17
156	Implementation of population-level screening for frailty among patients admitted to adult intensive care in Alberta, Canada. <i>Canadian Journal of Anaesthesia</i> , <b>2019</b> , 66, 1310-1319	3	17
155	Net Ultrafiltration Prescription and Practice Among Critically Ill Patients Receiving Renal Replacement Therapy: A Multinational Survey of Critical Care Practitioners. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e87-e97	1.4	17
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152	Population-Based Epidemiology and Outcomes of Acute Kidney Injury in Critically Ill Children. <i>Pediatric Critical Care Medicine</i> , <b>2020</b> , 21, 82-91	3	16
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143	A modified Delphi process to identify, rank and prioritize quality indicators for continuous renal replacement therapy (CRRT) care in critically ill patients. <i>Journal of Critical Care</i> , <b>2018</b> , 47, 145-152	4	15
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134	A retrospective cohort study of age-based differences in the care of hospitalized patients with sudden clinical deterioration. <i>Journal of Critical Care</i> , <b>2015</b> , 30, 1025-31	4	12
133	Serum sodium shift in hyponatremic patients undergoing liver transplantation: a retrospective cohort study. <i>Renal Failure</i> , <b>2015</b> , 37, 37-44	2.9	12

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131	CRRTnet: a prospective, multi-national, observational study of continuous renal replacement therapy practices. <i>BMC Nephrology</i> , <b>2017</b> , 18, 222	2.7	11
130	Quality indicators in continuous renal replacement therapy (CRRT) care in critically ill patients: protocol for a systematic review. <i>Systematic Reviews</i> , <b>2015</b> , 4, 102	3	11
129	Frailty and associated outcomes and resource utilization following in-hospital cardiac arrest. <i>Resuscitation</i> , <b>2020</b> , 146, 138-144	4	11
128	Clinical Characteristics and Outcomes of Patients With Severe COVID-19 Induced Acute Kidney Injury. <i>Journal of Intensive Care Medicine</i> , <b>2021</b> , 36, 319-326	3.3	11
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124	Urine abnormalities in acute kidney injury and sepsis. <i>Contributions To Nephrology</i> , <b>2010</b> , 165, 274-283	1.6	10
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117	Association between strained ICU capacity and healthcare costs in Canada: A population-based cohort study. <i>Journal of Critical Care</i> , <b>2019</b> , 51, 175-183	4	9
116	Adverse Events After Transition From ICU to Hospital Ward: A Multicenter Cohort Study. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 946-953	1.4	9
115	Indications and Timing of Continuous Renal Replacement Therapy Application. <i>Contributions To Nephrology</i> , <b>2018</b> , 194, 25-37	1.6	9

114	Timing of Renal Replacement Therapy in Acute Kidney Injury. <i>Contributions To Nephrology</i> , <b>2016</b> , 187, 106-20	1.6	9
113	Septic shock in chronic dialysis patients: clinical characteristics, antimicrobial therapy and mortality. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 222-32	14.5	9
112	Intraoperative continuous renal replacement therapy during liver transplantation: a pilot randomized-controlled trial (INCEPTION). <i>Canadian Journal of Anaesthesia</i> , <b>2019</b> , 66, 1151-1161	3	9
111	Impact of intensive care unit admission during morning bedside rounds and mortality: a multi-center retrospective cohort study. <i>Critical Care</i> , <b>2012</b> , 16, R72	10.8	9
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103	Comparison of outcomes and costs between adult diabetic ketoacidosis patients admitted to the ICU and step-down unit. <i>Journal of Critical Care</i> , <b>2019</b> , 50, 257-261	4	8
102	Medical efficacy of cannabinoids and marijuana: a comprehensive review of the literature. <i>Journal of Palliative Care</i> , <b>2002</b> , 18, 111-22	1.8	8
101	Impact of e-alert for detection of acute kidney injury on processes of care and outcomes: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , <b>2016</b> , 6, e011152	3	7
100	Long-term risk of sepsis among survivors of acute kidney injury. <i>Critical Care</i> , <b>2014</b> , 18, 103	10.8	7
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98	Comparing Renal Replacement Therapy Modalities in Critically Ill Patients With Acute Kidney Injury: A Systematic Review and Network Meta-Analysis <b>2021</b> , 3, e0399		7
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92	Early diagnosis of acute kidney injury in critically ill patients. <i>Expert Review of Molecular Diagnostics</i> , <b>2008</b> , 8, 455-64	3.8	6
91	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> , <b>2020</b> , 56, 113-119	4	6
90	Impact of Anticoagulation on Mortality and Resource Utilization Among Critically Ill Patients With Major Bleeding. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 515-524	1.4	6
89	Comparison of two frailty identification tools for critically ill patients: A post-hoc analysis of a multicenter prospective cohort study. <i>Journal of Critical Care</i> , <b>2020</b> , 59, 143-148	4	6
88	The impact of the Rasouli decision: a Survey of Canadian intensivists. <i>Journal of Medical Ethics</i> , <b>2016</b> , 42, 180-5	2.5	6
87	Pathogens and antimicrobial susceptibility profiles in critically ill patients with bloodstream infections: a descriptive study. <i>CMAJ Open</i> , <b>2016</b> , 4, E569-E577	2.5	6
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71	Natural language processing to measure the frequency and mode of communication between healthcare professionals and family members of critically ill patients. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2021</b> , 28, 541-548	8.6	4
70	Sex-specific prevalence and outcomes of frailty in critically ill patients. <i>Journal of Intensive Care</i> , <b>2020</b> , 8, 75	7	4
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