

Rinaldo Bellomo

List of Publications by Citations

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742 papers	87,176 citations	125 h-index	285 g-index
784 ext. papers	103,953 ext. citations	7.5 avg, IF	8.05 L-index

#	Paper	IF	Citations
742	The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 801-10	27.4	10067
741	Intensive versus conventional glucose control in critically ill patients. <i>New England Journal of Medicine</i> , 2009 , 360, 1283-97	59.2	5107
740	Acute renal failure - definition, outcome measures, animal models, fluid therapy and information technology needs: the Second International Consensus Conference of the Acute Dialysis Quality Initiative (ADQI) Group. <i>Critical Care</i> , 2004 , 8, R204-12	10.8	4473
739	Acute renal failure in critically ill patients: a multinational, multicenter study. <i>JAMA - Journal of the American Medical Association</i> , 2005 , 294, 813-8	27.4	2749
738	A comparison of albumin and saline for fluid resuscitation in the intensive care unit. <i>New England Journal of Medicine</i> , 2004 , 350, 2247-56	59.2	2053
737	Introduction of the medical emergency team (MET) system: a cluster-randomised controlled trial. <i>Lancet, The</i> , 2005 , 365, 2091-7	40	1509
736	Accuracy of neutrophil gelatinase-associated lipocalin (NGAL) in diagnosis and prognosis in acute kidney injury: a systematic review and meta-analysis. <i>American Journal of Kidney Diseases</i> , 2009 , 54, 1012-24	7.4	1404
735	Effects of different doses in continuous veno-venous haemofiltration on outcomes of acute renal failure: a prospective randomised trial. <i>Lancet, The</i> , 2000 , 356, 26-30	40	1386
734	Cardiorenal syndrome. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 1527-39	15.1	1330
733	Goal-directed resuscitation for patients with early septic shock. <i>New England Journal of Medicine</i> , 2014 , 371, 1496-506	59.2	1211
732	Variability of blood glucose concentration and short-term mortality in critically ill patients. <i>Anesthesiology</i> , 2006 , 105, 244-52	4.3	1180
731	Epidemiology of acute kidney injury in critically ill patients: the multinational AKI-EPI study. <i>Intensive Care Medicine</i> , 2015 , 41, 1411-23	14.5	1131
730	Hydroxyethyl starch or saline for fluid resuscitation in intensive care. <i>New England Journal of Medicine</i> , 2012 , 367, 1901-11	59.2	1127
729	Findings of the first consensus conference on medical emergency teams. <i>Critical Care Medicine</i> , 2006 , 34, 2463-78	1.4	1097
728	Mortality related to severe sepsis and septic shock among critically ill patients in Australia and New Zealand, 2000-2012. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 1308-16	27.4	1011
727	Intensity of continuous renal-replacement therapy in critically ill patients. <i>New England Journal of Medicine</i> , 2009 , 361, 1627-38	59.2	996
726	Continuous renal replacement therapy: a worldwide practice survey. The beginning and ending supportive therapy for the kidney (B.E.S.T. kidney) investigators. <i>Intensive Care Medicine</i> , 2007 , 33, 1563-70	14.5	934

725	Acute kidney injury. <i>Lancet, The</i> , 2012 , 380, 756-66	40	922
724	Timing of renal replacement therapy and clinical outcomes in critically ill patients with severe acute kidney injury. <i>Journal of Critical Care</i> , 2009 , 24, 129-40	4	760
723	Association between a chloride-liberal vs chloride-restrictive intravenous fluid administration strategy and kidney injury in critically ill adults. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 1566-72	27.4	745
722	Critical care services and 2009 H1N1 influenza in Australia and New Zealand. <i>New England Journal of Medicine</i> , 2009 , 361, 1925-34	59.2	738
721	An assessment of the RIFLE criteria for acute renal failure in hospitalized patients. <i>Critical Care Medicine</i> , 2006 , 34, 1913-7	1.4	734
720	An observational study fluid balance and patient outcomes in the Randomized Evaluation of Normal vs. Augmented Level of Replacement Therapy trial. <i>Critical Care Medicine</i> , 2012 , 40, 1753-60	1.4	698
719	Hypoglycemia and risk of death in critically ill patients. <i>New England Journal of Medicine</i> , 2012 , 367, 1108-18	59.2	643
718	Systemic inflammatory response syndrome criteria in defining severe sepsis. <i>New England Journal of Medicine</i> , 2015 , 372, 1629-38	59.2	633
717	Hemodialysis membrane with a high-molecular-weight cutoff and cytokine levels in sepsis complicated by acute renal failure: a phase 1 randomized trial. <i>American Journal of Kidney Diseases</i> , 2007 , 50, 296-304	7.4	618
716	Cardio-renal syndromes: report from the consensus conference of the acute dialysis quality initiative. <i>European Heart Journal</i> , 2010 , 31, 703-11	9.5	581
715	Acute kidney disease and renal recovery: consensus report of the Acute Disease Quality Initiative (ADQI) 16 Workgroup. <i>Nature Reviews Nephrology</i> , 2017 , 13, 241-257	14.9	547
714	The epidemiology and outcome of medical emergency team call patients treated with non-invasive ventilation. <i>Resuscitation</i> , 2011 , 82, 1218-23	4	531
713	A prospective before-and-after trial of a medical emergency team. <i>Medical Journal of Australia</i> , 2003 , 179, 283-7	4	523
712	Septic acute kidney injury in critically ill patients: clinical characteristics and outcomes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007 , 2, 431-9	6.9	518
711	Respiratory rate: the neglected vital sign. <i>Medical Journal of Australia</i> , 2008 , 188, 657-9	4	514
710	Prognostic Accuracy of the SOFA Score, SIRS Criteria, and qSOFA Score for In-Hospital Mortality Among Adults With Suspected Infection Admitted to the Intensive Care Unit. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 290-300	27.4	507
709	Rapid-response teams. <i>New England Journal of Medicine</i> , 2011 , 365, 139-46	59.2	487
708	The outcome of neutrophil gelatinase-associated lipocalin-positive subclinical acute kidney injury: a multicenter pooled analysis of prospective studies. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 1752-61	15.1	485

707	Prospective controlled trial of effect of medical emergency team on postoperative morbidity and mortality rates. <i>Critical Care Medicine</i> , 2004 , 32, 916-21	1.4	439
706	Adjunctive Glucocorticoid Therapy in Patients with Septic Shock. <i>New England Journal of Medicine</i> , 2018 , 378, 797-808	59.2	433
705	Effect of a Buffered Crystalloid Solution vs Saline on Acute Kidney Injury Among Patients in the Intensive Care Unit: The SPLIT Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 1701-10	27.4	423
704	Early acute kidney injury and sepsis: a multicentre evaluation. <i>Critical Care</i> , 2008 , 12, R47	10.8	410
703	A comparison of the RIFLE and AKIN criteria for acute kidney injury in critically ill patients. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 1569-74	4.3	395
702	Acute kidney injury. <i>Lancet, The</i> , 2019 , 394, 1949-1964	40	388
701	Angiotensin II for the Treatment of Vasodilatory Shock. <i>New England Journal of Medicine</i> , 2017 , 377, 419-430	59.2	377
700	Restrictive versus Liberal Fluid Therapy for Major Abdominal Surgery. <i>New England Journal of Medicine</i> , 2018 , 378, 2263-2274	59.2	349
699	A multi-centre evaluation of the RIFLE criteria for early acute kidney injury in critically ill patients. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 1203-10	4.3	349
698	Early intensive care sedation predicts long-term mortality in ventilated critically ill patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 724-31	10.2	334
697	Novel and conventional serum biomarkers predicting acute kidney injury in adult cardiac surgery--a prospective cohort study. <i>Critical Care Medicine</i> , 2009 , 37, 553-60	1.4	330
696	Fluid balance and acute kidney injury. <i>Nature Reviews Nephrology</i> , 2010 , 6, 107-15	14.9	321
695	Continuous veno-venous hemofiltration with dialysis removes cytokines from the circulation of septic patients. <i>Critical Care Medicine</i> , 1993 , 21, 522-6	1.4	319
694	Acute kidney injury in sepsis. <i>Intensive Care Medicine</i> , 2017 , 43, 816-828	14.5	309
693	Hypoglycemia and outcome in critically ill patients. <i>Mayo Clinic Proceedings</i> , 2010 , 85, 217-24	6.4	302
692	Adult-population incidence of severe sepsis in Australian and New Zealand intensive care units. <i>Intensive Care Medicine</i> , 2004 , 30, 589-96	14.5	296
691	Defining and classifying acute renal failure: from advocacy to consensus and validation of the RIFLE criteria. <i>Intensive Care Medicine</i> , 2007 , 33, 409-13	14.5	294
690	Blood glucose concentration and outcome of critical illness: the impact of diabetes. <i>Critical Care Medicine</i> , 2008 , 36, 2249-55	1.4	289

689	Working Party proposal for a revised classification system of renal dysfunction in patients with cirrhosis. <i>Gut</i> , 2011 , 60, 702-9	19.2	282
688	Very old patients admitted to intensive care in Australia and New Zealand: a multi-centre cohort analysis. <i>Critical Care</i> , 2009 , 13, R45	10.8	278
687	Continuous versus intermittent renal replacement therapy for critically ill patients with acute kidney injury: a meta-analysis. <i>Critical Care Medicine</i> , 2008 , 36, 610-7	1.4	274
686	Epidemiology, management, and outcome of severe acute renal failure of critical illness in Australia. <i>Critical Care Medicine</i> , 2001 , 29, 1910-5	1.4	274
685	Diuretics and mortality in acute renal failure. <i>Critical Care Medicine</i> , 2004 , 32, 1669-77	1.4	270
684	Defining acute renal failure: physiological principles. <i>Intensive Care Medicine</i> , 2004 , 30, 33-7	14.5	270
683	Plasma and urine neutrophil gelatinase-associated lipocalin in septic versus non-septic acute kidney injury in critical illness. <i>Intensive Care Medicine</i> , 2010 , 36, 452-61	14.5	261
682	Pathophysiology of septic acute kidney injury: what do we really know?. <i>Critical Care Medicine</i> , 2008 , 36, S198-203	1.4	260
681	Resuscitation fluid use in critically ill adults: an international cross-sectional study in 391 intensive care units. <i>Critical Care</i> , 2010 , 14, R185	10.8	257
680	Impact of albumin compared to saline on organ function and mortality of patients with severe sepsis. <i>Intensive Care Medicine</i> , 2011 , 37, 86-96	14.5	251
679	Continuous infusion of beta-lactam antibiotics in severe sepsis: a multicenter double-blind, randomized controlled trial. <i>Clinical Infectious Diseases</i> , 2013 , 56, 236-44	11.6	250
678	Cardiac surgery-associated acute kidney injury: risk factors, pathophysiology and treatment. <i>Nature Reviews Nephrology</i> , 2017 , 13, 697-711	14.9	242
677	A phase II randomized, controlled trial of continuous hemofiltration in sepsis. <i>Critical Care Medicine</i> , 2002 , 30, 100-6	1.4	235
676	A pilot study of coupled plasma filtration with adsorption in septic shock. <i>Critical Care Medicine</i> , 2002 , 30, 1250-5	1.4	229
675	"Identifying the hospitalised patient in crisis"--a consensus conference on the afferent limb of rapid response systems. <i>Resuscitation</i> , 2010 , 81, 375-82	4	226
674	Effect of Dexmedetomidine Added to Standard Care on Ventilator-Free Time in Patients With Agitated Delirium: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1460-8	27.4	222
673	Choice of renal replacement therapy modality and dialysis dependence after acute kidney injury: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2013 , 39, 987-97	14.5	213
672	Interpreting the mechanisms of continuous renal replacement therapy in sepsis: the peak concentration hypothesis. <i>Artificial Organs</i> , 2003 , 27, 792-801	2.6	210

671	Diabetic status and the relation of the three domains of glycemic control to mortality in critically ill patients: an international multicenter cohort study. <i>Critical Care</i> , 2013 , 17, R37	10.8	204
670	Arterial hyperoxia and in-hospital mortality after resuscitation from cardiac arrest. <i>Critical Care</i> , 2011 , 15, R90	10.8	203
669	Effect of Vitamin C, Hydrocortisone, and Thiamine vs Hydrocortisone Alone on Time Alive and Free of Vasopressor Support Among Patients With Septic Shock: The VITAMINS Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 423-431	27.4	193
668	Bench-to-bedside review: Chloride in critical illness. <i>Critical Care</i> , 2010 , 14, 226	10.8	193
667	Continuous versus Intermittent Lactam Infusion in Severe Sepsis. A Meta-analysis of Individual Patient Data from Randomized Trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 681-91	10.2	192
666	The objective medical emergency team activation criteria: a case-control study. <i>Resuscitation</i> , 2007 , 73, 62-72	4	191
665	The relationship between early emergency team calls and serious adverse events. <i>Critical Care Medicine</i> , 2009 , 37, 148-53	1.4	189
664	Why we should be wary of single-center trials. <i>Critical Care Medicine</i> , 2009 , 37, 3114-9	1.4	188
663	Fluid management for the prevention and attenuation of acute kidney injury. <i>Nature Reviews Nephrology</i> , 2014 , 10, 37-47	14.9	187
662	Novel biomarkers, oxidative stress, and the role of labile iron toxicity in cardiopulmonary bypass-associated acute kidney injury. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2024-33	15.1	186
661	The impact of early hypoglycemia and blood glucose variability on outcome in critical illness. <i>Critical Care</i> , 2009 , 13, R91	10.8	184
660	Vital organ blood flow during hyperdynamic sepsis. <i>Chest</i> , 2003 , 124, 1053-9	5.3	181
659	Renal blood flow in sepsis. <i>Critical Care</i> , 2005 , 9, R363-74	10.8	180
658	Randomized comparison of nasojejunal and nasogastric feeding in critically ill patients. <i>Critical Care Medicine</i> , 2002 , 30, 586-90	1.4	180
657	Development and implementation of a high-quality clinical database: the Australian and New Zealand Intensive Care Society Adult Patient Database. <i>Journal of Critical Care</i> , 2006 , 21, 133-41	4	178
656	Myocardial cell injury in septic shock. <i>Critical Care Medicine</i> , 1999 , 27, 1775-80	1.4	178
655	Early mobilization and recovery in mechanically ventilated patients in the ICU: a bi-national, multi-centre, prospective cohort study. <i>Critical Care</i> , 2015 , 19, 81	10.8	176
654	Dexmedetomidine vs. haloperidol in delirious, agitated, intubated patients: a randomised open-label trial. <i>Critical Care</i> , 2009 , 13, R75	10.8	176

653	The histopathology of septic acute kidney injury: a systematic review. <i>Critical Care</i> , 2008 , 12, R38	10.8	176
652	Early Sedation with Dexmedetomidine in Critically Ill Patients. <i>New England Journal of Medicine</i> , 2019 , 380, 2506-2517	59.2	173
651	A comparison of three methods to estimate baseline creatinine for RIFLE classification. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 3911-8	4.3	173
650	Early isovolaemic haemofiltration in oliguric patients with septic shock. <i>Intensive Care Medicine</i> , 2006 , 32, 80-6	14.5	172
649	Sodium bicarbonate to prevent increases in serum creatinine after cardiac surgery: a pilot double-blind, randomized controlled trial. <i>Critical Care Medicine</i> , 2009 , 37, 39-47	1.4	170
648	Long term effect of a medical emergency team on cardiac arrests in a teaching hospital. <i>Critical Care</i> , 2005 , 9, R808-15	10.8	169
647	Changes in the incidence and outcome for early acute kidney injury in a cohort of Australian intensive care units. <i>Critical Care</i> , 2007 , 11, R68	10.8	168
646	Pilot study on the effects of high cutoff hemofiltration on the need for norepinephrine in septic patients with acute renal failure. <i>Critical Care Medicine</i> , 2006 , 34, 2099-104	1.4	167
645	A comparison of observed versus estimated baseline creatinine for determination of RIFLE class in patients with acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 2739-44	4.3	166
644	Discontinuation of continuous renal replacement therapy: a post hoc analysis of a prospective multicenter observational study. <i>Critical Care Medicine</i> , 2009 , 37, 2576-82	1.4	159
643	Epidemiology of cardio-renal syndromes: workgroup statements from the 7th ADQI Consensus Conference. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 1406-16	4.3	152
642	Variability of antibiotic concentrations in critically ill patients receiving continuous renal replacement therapy: a multicentre pharmacokinetic study. <i>Critical Care Medicine</i> , 2012 , 40, 1523-8	1.4	151
641	A controlled trial of electronic automated advisory vital signs monitoring in general hospital wards. <i>Critical Care Medicine</i> , 2012 , 40, 2349-61	1.4	151
640	A prospective, multicenter study of the epidemiology, management, and outcome of severe acute renal failure in a "closed" ICU system. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 162, 191-6	10.2	151
639	Transient azotaemia is associated with a high risk of death in hospitalized patients. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 1833-9	4.3	150
638	Renal replacement therapy with high-cutoff hemofilters: Impact of convection and diffusion on cytokine clearances and protein status. <i>American Journal of Kidney Diseases</i> , 2004 , 43, 444-53	7.4	148
637	A Multicenter Randomized Trial of Continuous versus Intermittent Lactam Infusion in Severe Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 1298-305	10.2	147
636	The interaction of chronic and acute glycemia with mortality in critically ill patients with diabetes. <i>Critical Care Medicine</i> , 2011 , 39, 105-11	1.4	147

635	The pathogenesis of septic acute renal failure. <i>Current Opinion in Critical Care</i> , 2003 , 9, 496-502	3.5	146
634	Novel biomarkers early predict the severity of acute kidney injury after cardiac surgery in adults. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 124-30	2.7	143
633	Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury. <i>New England Journal of Medicine</i> , 2020 , 383, 240-251	59.2	143
632	Oliguria as predictive biomarker of acute kidney injury in critically ill patients. <i>Critical Care</i> , 2011 , 15, R172	10.8	142
631	Effect of mean arterial pressure, haemoglobin and blood transfusion during cardiopulmonary bypass on post-operative acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 153-60	4.3	141
630	Long-term risk of adverse outcomes after acute kidney injury: a systematic review and meta-analysis of cohort studies using consensus definitions of exposure. <i>Kidney International</i> , 2019 , 95, 160-172	9.9	136
629	The rise and fall of NGAL in acute kidney injury. <i>Blood Purification</i> , 2014 , 37, 304-10	3.1	135
628	A multicenter randomized trial of atorvastatin therapy in intensive care patients with severe sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 743-50	10.2	134
627	A comparison of the RIFLE and Acute Kidney Injury Network classifications for cardiac surgery-associated acute kidney injury: a prospective cohort study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 1370-6	1.5	134
626	The biochemical effects of restricting chloride-rich fluids in intensive care. <i>Critical Care Medicine</i> , 2011 , 39, 2419-24	1.4	133
625	Energy-Dense versus Routine Enteral Nutrition in the Critically Ill. <i>New England Journal of Medicine</i> , 2018 , 379, 1823-1834	59.2	133
624	Continuous is not continuous: the incidence and impact of circuit "down-time" on uraemic control during continuous veno-venous haemofiltration. <i>Intensive Care Medicine</i> , 2003 , 29, 575-8	14.5	132
623	Effects of norepinephrine on the renal vasculature in normal and endotoxemic dogs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 159, 1186-92	10.2	132
622	A multicenter, randomized controlled trial comparing early nasojejunal with nasogastric nutrition in critical illness. <i>Critical Care Medicine</i> , 2012 , 40, 2342-8	1.4	130
621	Intrarenal blood flow distribution in hyperdynamic septic shock: Effect of norepinephrine. <i>Critical Care Medicine</i> , 2003 , 31, 2509-13	1.4	129
620	Renal blood flow and function during recovery from experimental septic acute kidney injury. <i>Intensive Care Medicine</i> , 2007 , 33, 1614-8	14.5	126
619	Urinary biochemistry and microscopy in septic acute renal failure: a systematic review. <i>American Journal of Kidney Diseases</i> , 2006 , 48, 695-705	7.4	126
618	Early blood glucose control and mortality in critically ill patients in Australia. <i>Critical Care Medicine</i> , 2009 , 37, 463-70	1.4	122

617	The predictive performance of plasma neutrophil gelatinase-associated lipocalin (NGAL) increases with grade of acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 3349-54	4.3	120
616	Dysglycaemia in the critically ill and the interaction of chronic and acute glycaemia with mortality. <i>Intensive Care Medicine</i> , 2014 , 40, 973-80	14.5	119
615	Arterial carbon dioxide tension and outcome in patients admitted to the intensive care unit after cardiac arrest. <i>Resuscitation</i> , 2013 , 84, 927-34	4	118
614	Oliguria, volume overload, and loop diuretics. <i>Critical Care Medicine</i> , 2008 , 36, S172-8	1.4	118
613	Renal replacement therapy in acute kidney injury: controversy and consensus. <i>Critical Care</i> , 2015 , 19, 146	10.8	117
612	External validation of severity scoring systems for acute renal failure using a multinational database. <i>Critical Care Medicine</i> , 2005 , 33, 1961-7	1.4	117
611	Effect of fenoldopam on use of renal replacement therapy among patients with acute kidney injury after cardiac surgery: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 2244-53	27.4	116
610	Outcomes in Patients with Vasodilatory Shock and Renal Replacement Therapy Treated with Intravenous Angiotensin II. <i>Critical Care Medicine</i> , 2018 , 46, 949-957	1.4	115
609	Effectiveness of the Medical Emergency Team: the importance of dose. <i>Critical Care</i> , 2009 , 13, 313	10.8	115
608	Chloride-liberal vs. chloride-restrictive intravenous fluid administration and acute kidney injury: an extended analysis. <i>Intensive Care Medicine</i> , 2015 , 41, 257-64	14.5	114
607	A multi-center evaluation of early acute kidney injury in critically ill trauma patients. <i>Renal Failure</i> , 2008 , 30, 581-9	2.9	114
606	Acetaminophen for Fever in Critically Ill Patients with Suspected Infection. <i>New England Journal of Medicine</i> , 2015 , 373, 2215-24	59.2	112
605	Clinical review: anticoagulation for continuous renal replacement therapy--heparin or citrate?. <i>Critical Care</i> , 2011 , 15, 202	10.8	112
604	Vasoactive drugs and acute kidney injury. <i>Critical Care Medicine</i> , 2008 , 36, S179-86	1.4	112
603	The role of the medical emergency team in end-of-life care: a multicenter, prospective, observational study. <i>Critical Care Medicine</i> , 2012 , 40, 98-103	1.4	111
602	Early and intensive continuous hemofiltration for severe renal failure after cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 832-7	2.7	108
601	Age of Red Cells for Transfusion and Outcomes in Critically Ill Adults. <i>New England Journal of Medicine</i> , 2017 , 377, 1858-1867	59.2	107
600	Hepatorenal syndrome: the 8th International Consensus Conference of the Acute Dialysis Quality Initiative (ADQI) Group. <i>Critical Care</i> , 2012 , 16, R23	10.8	106

599	Impact of fluid balance on outcome of adult patients treated with extracorporeal membrane oxygenation. <i>Intensive Care Medicine</i> , 2014 , 40, 1256-66	14.5	104
598	Prognostic accuracy of age-adapted SOFA, SIRS, PELOD-2, and qSOFA for in-hospital mortality among children with suspected infection admitted to the intensive care unit. <i>Intensive Care Medicine</i> , 2018 , 44, 179-188	14.5	103
597	A Randomized Controlled Trial of Regional Citrate Versus Regional Heparin Anticoagulation for Continuous Renal Replacement Therapy in Critically Ill Adults. <i>Critical Care Medicine</i> , 2015 , 43, 1622-9	1.4	103
596	Definition and classification of acute kidney injury. <i>Nephron Clinical Practice</i> , 2008 , 109, c182-7		103
595	Intravenous amino acid therapy for kidney function in critically ill patients: a randomized controlled trial. <i>Intensive Care Medicine</i> , 2015 , 41, 1197-208	14.5	102
594	Prophylactic fenoldopam for renal protection in sepsis: a randomized, double-blind, placebo-controlled pilot trial. <i>Critical Care Medicine</i> , 2005 , 33, 2451-6	1.4	100
593	Clinical review: Volume of fluid resuscitation and the incidence of acute kidney injury - a systematic review. <i>Critical Care</i> , 2012 , 16, 230	10.8	99
592	Early goal-directed sedation versus standard sedation in mechanically ventilated critically ill patients: a pilot study*. <i>Critical Care Medicine</i> , 2013 , 41, 1983-91	1.4	98
591	Intrarenal and urinary oxygenation during norepinephrine resuscitation in ovine septic acute kidney injury. <i>Kidney International</i> , 2016 , 90, 100-8	9.9	97
590	Extended Daily Dialysis Versus Continuous Renal Replacement Therapy for Acute Kidney Injury: A Meta-analysis. <i>American Journal of Kidney Diseases</i> , 2015 , 66, 322-30	7.4	96
589	Validation of the Kidney Disease Improving Global Outcomes criteria for AKI and comparison of three criteria in hospitalized patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014 , 9, 848-54	6.9	95
588	A pilot assessment of the FloTrac cardiac output monitoring system. <i>Intensive Care Medicine</i> , 2007 , 33, 344-9	14.5	94
587	Sedation Intensity in the First 48 Hours of Mechanical Ventilation and 180-Day Mortality: A Multinational Prospective Longitudinal Cohort Study. <i>Critical Care Medicine</i> , 2018 , 46, 850-859	1.4	93
586	Characteristics and outcomes of patients receiving a medical emergency team review for acute change in conscious state or arrhythmias. <i>Critical Care Medicine</i> , 2008 , 36, 477-81	1.4	93
585	Acid-base status of critically ill patients with acute renal failure: analysis based on Stewart-Figge methodology. <i>Critical Care</i> , 2003 , 7, R60	10.8	93
584	Noradrenaline and the kidney: friends or foes?. <i>Critical Care</i> , 2001 , 5, 294-8	10.8	93
583	The effect of intensive plasma water exchange by hemofiltration on hemodynamics and soluble mediators in canine endotoxemia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 161, 1429-36	10.2	92
582	Therapeutic hypothermia: benefits, mechanisms and potential clinical applications in neurological, cardiac and kidney injury. <i>Injury</i> , 2011 , 42, 843-54	2.5	91

581	A survey of nurses' beliefs about the medical emergency team system in a canadian tertiary hospital. <i>American Journal of Critical Care</i> , 2010 , 19, 74-83	1.7	91
580	Continuous renal replacement therapy: recent advances and future research. <i>Nature Reviews Nephrology</i> , 2010 , 6, 521-9	14.9	91
579	Measurement of renal blood flow by phase-contrast magnetic resonance imaging during septic acute kidney injury: a pilot investigation. <i>Critical Care Medicine</i> , 2012 , 40, 1768-76	1.4	91
578	Urinary biomarkers in septic acute kidney injury. <i>Intensive Care Medicine</i> , 2007 , 33, 1285-1296	14.5	91
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