

Claudio Ronco

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898

papers

50,711

citations

89

h-index

205

g-index

985

ext. papers

60,262

ext. citations

5

avg, IF

7.96

L-index

#	Paper	IF	Citations
898	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
897	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
896	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
895	Cardiorenal syndrome. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 1527-39	15.1	1330
894	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
893	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
892	Acute kidney injury. <i>Lancet, The</i> , 2012 , 380, 756-66	40	922
891	Plasma neutrophil gelatinase-associated lipocalin is an early biomarker for acute kidney injury in an adult ICU population. <i>Intensive Care Medicine</i> , 2010 , 36, 444-51	14.5	788
890	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
889	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
888	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
887	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
886	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
885	Early use of polymyxin B hemoperfusion in abdominal septic shock: the EUPHAS randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 2445-52	27.4	506
884	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
883	Renal functional reserve in humans. Effect of protein intake on glomerular filtration rate. <i>American Journal of Medicine</i> , 1983 , 75, 943-50	2.4	421
882	Acute kidney injury. <i>Lancet, The</i> , 2019 , 394, 1949-1964	40	388

881	Fluid balance and acute kidney injury. <i>Nature Reviews Nephrology</i> , 2010 , 6, 107-15	14.9	321
880	Acute kidney injury in sepsis. <i>Intensive Care Medicine</i> , 2017 , 43, 816-828	14.5	309
879	Cardiorenal Syndrome: Classification, Pathophysiology, Diagnosis, and Treatment Strategies: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019 , 139, e840-e878	16.7	301
878	Effect of membrane permeability on survival of hemodialysis patients. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 645-54	12.7	295
877	Management of acute kidney injury in patients with COVID-19. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 738-742	35.1	291
876	Inflammation in AKI: Current Understanding, Key Questions, and Knowledge Gaps. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 371-9	12.7	288
875	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
874	Kidney involvement in COVID-19 and rationale for extracorporeal therapies. <i>Nature Reviews Nephrology</i> , 2020 , 16, 308-310	14.9	277
873	Diuretics and mortality in acute renal failure. <i>Critical Care Medicine</i> , 2004 , 32, 1669-77	1.4	270
872	Defining acute renal failure: physiological principles. <i>Intensive Care Medicine</i> , 2004 , 30, 33-7	14.5	270
871	Cardiorenal syndrome type 1: pathophysiological crosstalk leading to combined heart and kidney dysfunction in the setting of acutely decompensated heart failure. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1031-42	15.1	268
870	Progression after AKI: Understanding Maladaptive Repair Processes to Predict and Identify Therapeutic Treatments. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 687-97	12.7	238
869	A phase II randomized, controlled trial of continuous hemofiltration in sepsis. <i>Critical Care Medicine</i> , 2002 , 30, 100-6	1.4	235
868	Effectiveness of polymyxin B-immobilized fiber column in sepsis: a systematic review. <i>Critical Care</i> , 2007 , 11, R47	10.8	234
867	A pilot study of coupled plasma filtration with adsorption in septic shock. <i>Critical Care Medicine</i> , 2002 , 30, 1250-5	1.4	229
866	COVID-19-associated acute kidney injury: consensus report of the 25th Acute Disease Quality Initiative (ADQI) Workgroup. <i>Nature Reviews Nephrology</i> , 2020 , 16, 747-764	14.9	229
865	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
864	Practice patterns in the management of acute renal failure in the critically ill patient: an international survey. <i>Nephrology Dialysis Transplantation</i> , 2006 , 21, 690-6	4.3	198

863	North East Italian Prospective Hospital Renal Outcome Survey on Acute Kidney Injury (NEiPHROS-AKI): targeting the problem with the RIFLE Criteria. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007 , 2, 418-25	6.9	182
862	Cost of peritoneal dialysis and haemodialysis across the world. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 2553-69	4.3	181
861	Early isovolaemic haemofiltration in oliguric patients with septic shock. <i>Intensive Care Medicine</i> , 2006 , 32, 80-6	14.5	172
860	Diagnosis of acute kidney injury using functional and injury biomarkers: workgroup statements from the tenth Acute Dialysis Quality Initiative Consensus Conference. <i>Contributions To Nephrology</i> , 2013 , 182, 13-29	1.6	171
859	New CRRT systems: impact on dose delivery. <i>American Journal of Kidney Diseases</i> , 1997 , 30, S15-9	7.4	169
858	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
857	Effects of different membranes and dialysis technologies on patient treatment tolerance and nutritional parameters. The Italian Cooperative Dialysis Study Group. <i>Kidney International</i> , 1996 , 50, 1293-302	9.9	163
856	Fluid balance and urine volume are independent predictors of mortality in acute kidney injury. <i>Critical Care</i> , 2013 , 17, R14	10.8	159
855	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
854	Classification and staging of acute kidney injury: beyond the RIFLE and AKIN criteria. <i>Nature Reviews Nephrology</i> , 2011 , 7, 201-8	14.9	154
853	Delivered dose of renal replacement therapy and mortality in critically ill patients with acute kidney injury. <i>Critical Care</i> , 2009 , 13, R57	10.8	154
852	Clinical review: RIFLE and AKIN--time for reappraisal. <i>Critical Care</i> , 2009 , 13, 211	10.8	153
851	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
850	Prevention of acute kidney injury and protection of renal function in the intensive care unit. Expert opinion of the Working Group for Nephrology, ESICM. <i>Intensive Care Medicine</i> , 2010 , 36, 392-411	14.5	151
849	Biomarkers of acute kidney injury: the pathway from discovery to clinical adoption. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1074-1089	5.9	149
848	A wearable haemodialysis device for patients with end-stage renal failure: a pilot study. <i>Lancet, The</i> , 2007 , 370, 2005-10	4.0	148
847	Inflammation and dietary protein intake exert competing effects on serum albumin and creatinine in hemodialysis patients. <i>Kidney International</i> , 2001 , 60, 333-40	9.9	148
846	The pathogenesis of septic acute renal failure. <i>Current Opinion in Critical Care</i> , 2003 , 9, 496-502	3.5	146

845	Continuous renal replacement therapy in neonates and small infants: development and first-in-human use of a miniaturised machine (CARPEDIEM). <i>Lancet, The</i> , 2014 , 383, 1807-13	4.0	144
844	Oliguria as predictive biomarker of acute kidney injury in critically ill patients. <i>Critical Care</i> , 2011 , 15, R172	10.8	142
843	Cardiorenal syndrome: refining the definition of a complex symbiosis gone wrong. <i>Intensive Care Medicine</i> , 2008 , 34, 957-62	14.5	141
842	Cardiac surgery-associated acute kidney injury. <i>CardioRenal Medicine</i> , 2013 , 3, 178-199	2.8	139
841	Subclinical AKI--an emerging syndrome with important consequences. <i>Nature Reviews Nephrology</i> , 2012 , 8, 735-9	14.9	138
840	Renal functional reserve and renal recovery after acute kidney injury. <i>Nephron Clinical Practice</i> , 2014 , 127, 94-100		133
839	Fluid balance as a biomarker: impact of fluid overload on outcome in critically ill patients with acute kidney injury. <i>Critical Care</i> , 2008 , 12, 169	10.8	133
838	The first international consensus conference on continuous renal replacement therapy. <i>Kidney International</i> , 2002 , 62, 1855-63	9.9	131
837	Trace element and vitamin concentrations and losses in critically ill patients treated with continuous venovenous hemofiltration. <i>Critical Care Medicine</i> , 1999 , 27, 220-3	1.4	130
836	Chronic kidney disease and cardiovascular complications. <i>Heart Failure Reviews</i> , 2015 , 20, 259-72	5	128
835	Cellular and Molecular Mechanisms of AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 1288-99	12.7	126
834	Early diagnosis of acute kidney injury: the promise of novel biomarkers. <i>Blood Purification</i> , 2009 , 28, 165-74	3.4	118
833	Renal replacement therapy in acute kidney injury: controversy and consensus. <i>Critical Care</i> , 2015 , 19, 146	10.8	117
832	Cardio-Pulmonary-Renal Interactions: A Multidisciplinary Approach. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2433-48	15.1	117
831	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
830	Acute kidney injury in SARS-CoV-2 infected patients. <i>Critical Care</i> , 2020 , 24, 155	10.8	117
829	Kidney-brain crosstalk in the acute and chronic setting. <i>Nature Reviews Nephrology</i> , 2015 , 11, 707-19	14.9	115
828	NGAL: a biomarker of acute kidney injury and other systemic conditions. <i>International Urology and Nephrology</i> , 2010 , 42, 141-50	2.3	115

827	Lung-Kidney Cross-Talk in the Critically Ill Patient. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 402-14	10.2	114
826	Subclinical AKI is still AKI. <i>Critical Care</i> , 2012 , 16, 313	10.8	113
825	Left Ventricular Hypertrophy in Chronic Kidney Disease Patients: From Pathophysiology to Treatment. <i>CardioRenal Medicine</i> , 2015 , 5, 254-66	2.8	110
824	Improving outcomes from acute kidney injury: report of an initiative. <i>American Journal of Kidney Diseases</i> , 2007 , 50, 1-4	7.4	104
823	Use of peritoneal dialysis in AKI: a systematic review. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013 , 8, 1649-60	6.9	103
822	Definition and classification of acute kidney injury. <i>Nephron Clinical Practice</i> , 2008 , 109, c182-7		103
821	Timing of initiation and discontinuation of renal replacement therapy in AKI: unanswered key questions. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008 , 3, 876-80	6.9	103
820	Neutrophil gelatinase-associated lipocalin (NGAL) as biomarker of acute kidney injury: a review of the laboratory characteristics and clinical evidences. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1505-17	5.9	101
819	Pathophysiology of the cardiorenal syndromes: executive summary from the eleventh consensus conference of the Acute Dialysis Quality Initiative (ADQI). <i>Contributions To Nephrology</i> , 2013 , 182, 82-98	1.6	101
818	Pulse high-volume haemofiltration for treatment of severe sepsis: effects on hemodynamics and survival. <i>Critical Care</i> , 2005 , 9, R294-302	10.8	101
817	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
816	Cardiorenal syndrome. <i>Heart Failure Clinics</i> , 2014 , 10, 251-80	3.3	99
815	Haemodialysis membranes. <i>Nature Reviews Nephrology</i> , 2018 , 14, 394-410	14.9	95
814	Patient Selection and Timing of Continuous Renal Replacement Therapy. <i>Blood Purification</i> , 2016 , 42, 224-37	3.1	92
813	Intermittent versus continuous renal replacement therapy in the ICU: impact on electrolyte and acid-base balance. <i>Intensive Care Medicine</i> , 2001 , 27, 1037-43	14.5	91
812	Extracorporeal therapies in non-renal disease: treatment of sepsis and the peak concentration hypothesis. <i>Blood Purification</i> , 2004 , 22, 164-74	3.1	90
811	Renal replacement therapies for prevention of radiocontrast-induced nephropathy: a systematic review. <i>American Journal of Medicine</i> , 2012 , 125, 66-78.e3	2.4	89
810	Quality Improvement Goals for Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019 , 14, 941-953	6.9	88

809	Solute removal during continuous renal replacement therapy in critically ill patients: convection versus diffusion. <i>Critical Care</i> , 2006 , 10, R67	10.8	87
808	Cardiac and Vascular Surgery-Associated Acute Kidney Injury: The 20th International Consensus Conference of the ADQI (Acute Disease Quality Initiative) Group. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	85
807	Definition and classification of Cardio-Renal Syndromes: workgroup statements from the 7th ADQI Consensus Conference. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 1416-20	4.3	85
806	Cardiorenal syndromes: an executive summary from the consensus conference of the Acute Dialysis Quality Initiative (ADQI). <i>Contributions To Nephrology</i> , 2010 , 165, 54-67	1.6	85
805	Optimizing fluid management in patients with acute decompensated heart failure (ADHF): the emerging role of combined measurement of body hydration status and brain natriuretic peptide (BNP) levels. <i>Heart Failure Reviews</i> , 2011 , 16, 519-29	5	84
804	Recommendations on Acute Kidney Injury Biomarkers From the Acute Disease Quality Initiative Consensus Conference: A Consensus Statement. <i>JAMA Network Open</i> , 2020 , 3, e2019209	10.4	84
803	Extracorporeal blood purification therapies for prevention of radiocontrast-induced nephropathy: a systematic review. <i>American Journal of Kidney Diseases</i> , 2006 , 48, 361-71	7.4	83
802	Lung-kidney interactions in critically ill patients: consensus report of the Acute Disease Quality Initiative (ADQI) 21 Workgroup. <i>Intensive Care Medicine</i> , 2020 , 46, 654-672	14.5	83
801	Controversies in acute kidney injury: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. <i>Kidney International</i> , 2020 , 98, 294-309	9.9	80
800	The Vicenza wearable artificial kidney for peritoneal dialysis (ViWAK PD). <i>Blood Purification</i> , 2007 , 25, 383-8	3.1	80
799	Treatment of acute renal failure in newborns by continuous arterio-venous hemofiltration. <i>Kidney International</i> , 1986 , 29, 908-15	9.9	80
798	Effects of a reduced inner diameter of hollow fibers in hemodialyzers. <i>Kidney International</i> , 2000 , 58, 809-17	9.9	79
797	Nomenclature for renal replacement therapy in acute kidney injury: basic principles. <i>Critical Care</i> , 2016 , 20, 318	10.8	78
796	Implementation of novel biomarkers in the diagnosis, prognosis, and management of acute kidney injury: executive summary from the tenth consensus conference of the Acute Dialysis Quality Initiative (ADQI). <i>Contributions To Nephrology</i> , 2013 , 182, 5-12	1.6	77
795	Nephrotoxicity and Chinese Herbal Medicine. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018 , 13, 1605-1611	6.9	76
794	Polymyxin B hemoperfusion: a mechanistic perspective. <i>Critical Care</i> , 2014 , 18, 309	10.8	76
793	Removal of platelet-activating factor in experimental continuous arteriovenous hemofiltration. <i>Critical Care Medicine</i> , 1995 , 23, 99-107	1.4	76
792	Acute renal failure in cancer patients. <i>Annals of Medicine</i> , 2005 , 37, 13-25	1.5	75

791	Acute kidney injury. <i>Nature Reviews Disease Primers</i> , 2021 , 7, 52	51.1	75
790	Pathophysiology of cardiorenal syndrome type 2 in stable chronic heart failure: workgroup statements from the eleventh consensus conference of the Acute Dialysis Quality Initiative (ADQI). <i>Contributions To Nephrology</i> , 2013 , 182, 117-36	1.6	74
789	Coupled plasma filtration adsorption. <i>Intensive Care Medicine</i> , 2003 , 29, 1222-8	14.5	73
788	Acute kidney injury in the ICU: from injury to recovery: reports from the 5th Paris International Conference. <i>Annals of Intensive Care</i> , 2017 , 7, 49	8.9	72
787	Cardiopulmonary bypass-associated acute kidney injury: a pigment nephropathy?. <i>Contributions To Nephrology</i> , 2007 , 156, 340-53	1.6	69
786	Heart-kidney crosstalk and role of humoral signaling in critical illness. <i>Critical Care</i> , 2014 , 18, 201	10.8	67
785	Neutrophil gelatinase-associated lipocalin: ready for routine clinical use? An international perspective. <i>Blood Purification</i> , 2014 , 37, 271-85	3.1	66
784	Hospital-acquired acute kidney injury in the elderly. <i>Nature Reviews Nephrology</i> , 2010 , 6, 141-9	14.9	66
783	Extracorporeal Blood Purification Therapies for Sepsis. <i>Blood Purification</i> , 2019 , 47 Suppl 3, 1-14	3.1	65
782	Renal Hemodynamics in AKI: In Search of New Treatment Targets. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 49-58	12.7	65
781	Kidney attack. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 2265-6	27.4	65
780	Acute kidney injury in elderly intensive care patients: a review. <i>Intensive Care Medicine</i> , 2010 , 36, 1454-64	14.5	65
779	Mitochondria in Sepsis-Induced AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 1151-1161	11.6	64
778	Neutrophil gelatinase-associated lipocalin as a biomarker of cardiovascular disease: a systematic review. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1533-45	5.9	64
777	Pathogenesis of cardiorenal syndrome type 1 in acute decompensated heart failure: workgroup statements from the eleventh consensus conference of the Acute Dialysis Quality Initiative (ADQI). <i>Contributions To Nephrology</i> , 2013 , 182, 99-116	1.6	64
776	Assessment of intravascular volume status and volume responsiveness in critically ill patients. <i>Kidney International</i> , 2013 , 83, 1017-28	9.9	63
775	Impact of biofeedback-induced cardiovascular stability on hemodialysis tolerance and efficiency. <i>Kidney International</i> , 2000 , 58, 800-8	9.9	63
774	Blood and Dialysate Flow Distributions in Hollow-Fiber Hemodialyzers Analyzed by Computerized Helical Scanning Technique. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, S53-S61	12.7	63

773	Pre-renal azotemia: a flawed paradigm in critically ill septic patients?. <i>Contributions To Nephrology</i> , 2007 , 156, 1-9	1.6	62
772	Extracorporeal ultrafiltration for the treatment of overhydration and congestive heart failure. <i>Cardiology</i> , 2001 , 96, 155-68	1.6	62
771	Extracorporeal Membrane Oxygenation and the Kidney. <i>CardioRenal Medicine</i> , 2015 , 6, 50-60	2.8	62
770	Precision Continuous Renal Replacement Therapy and Solute Control. <i>Blood Purification</i> , 2016 , 42, 238-47.1	3.1	62
769	Extracorporeal techniques for the treatment of critically ill patients with sepsis beyond conventional blood purification therapy: the promises and the pitfalls. <i>Critical Care</i> , 2018 , 22, 262	10.8	62
768	The role of inflammation in the cardio-renal syndrome: a focus on cytokines and inflammatory mediators. <i>Seminars in Nephrology</i> , 2012 , 32, 70-8	4.8	61
767	Epidemiology of acute kidney injury. <i>Contributions To Nephrology</i> , 2010 , 165, 1-8	1.6	61
766	Targeting Endogenous Repair Pathways after AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 990-8	12.7	60
765	Acute kidney injury and residual renal function. <i>Critical Care</i> , 2012 , 16, 144	10.8	60
764	A new scintigraphic method to characterize ultrafiltration in hollow fiber dialyzers. <i>Kidney International</i> , 1992 , 41, 1383-93	9.9	60
763	Variation in risk and mortality of acute kidney injury in critically ill patients: a multicenter study. <i>American Journal of Nephrology</i> , 2015 , 41, 81-8	4.6	59
762	Risk Factors for Long-Term Mortality and Progressive Chronic Kidney Disease Associated With Acute Kidney Injury After Cardiac Surgery. <i>Medicine (United States)</i> , 2015 , 94, e2025	1.8	59
761	Diagnosis and management of fluid overload in heart failure and cardio-renal syndrome: the "5B" approach. <i>Seminars in Nephrology</i> , 2012 , 32, 129-41	4.8	59
760	Enhancement of convective transport by internal filtration in a modified experimental hemodialyzer: technical note. <i>Kidney International</i> , 1998 , 54, 979-85	9.9	59
759	Metabolic reprogramming and tolerance during sepsis-induced AKI. <i>Nature Reviews Nephrology</i> , 2017 , 13, 143-151	14.9	58
758	Peritoneal dialysis in patients with refractory congestive heart failure: a systematic review. <i>CardioRenal Medicine</i> , 2015 , 5, 145-56	2.8	58
757	Coronavirus epidemic: preparing for extracorporeal organ support in intensive care. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 240-241	35.1	58
756	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> , 2016 , 3, 11	2.3	58

755	Coupled plasma filtration adsorption: rationale, technical development and early clinical experience. <i>Blood Purification</i> , 2003 , 21, 409-16	3.1	58
754	The cardiorenal syndrome. <i>Blood Purification</i> , 2009 , 27, 114-26	3.1	57
753	Potential interventions in sepsis-related acute kidney injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008 , 3, 531-44	6.9	57
752	The cardiac surgery-associated neutrophil gelatinase-associated lipocalin (CSA-NGAL) score: A potential tool to monitor acute tubular damage. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1476-81	1.5	56
751	Development of a clinical research agenda for acute kidney injury using an international, interdisciplinary, three-step modified Delphi process. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008 , 3, 887-94	6.9	56
750	Nomenclature for renal replacement therapy and blood purification techniques in critically ill patients: practical applications. <i>Critical Care</i> , 2016 , 20, 283	10.8	56
749	A proposed algorithm for initiation of renal replacement therapy in adult critically ill patients. <i>Critical Care</i> , 2009 , 13, 317	10.8	55
748	Dose and efficiency of renal replacement therapy: continuous renal replacement therapy versus intermittent hemodialysis versus slow extended daily dialysis. <i>Critical Care Medicine</i> , 2008 , 36, S229-37	1.4	55
747	Uremic toxins: a new focus on an old subject. <i>Seminars in Dialysis</i> , 2005 , 18, 203-11	2.5	55
746	Cytokine removal with high cut-off membrane: review of literature. <i>Blood Purification</i> , 2014 , 38, 167-73	3.1	54
745	Congestive kidney failure in cardiac surgery: the relationship between central venous pressure and acute kidney injury. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 23, 800-805	1.8	54
744	Cardiorenal syndromes: definition and classification. <i>Contributions To Nephrology</i> , 2010 , 164, 33-38	1.6	53
743	Beta2-microglobulin and phosphate clearances using a wearable artificial kidney: a pilot study. <i>American Journal of Kidney Diseases</i> , 2009 , 54, 104-11	7.4	53
742	Cardiorenal syndrome type 3: pathophysiologic and epidemiologic considerations. <i>Contributions To Nephrology</i> , 2013 , 182, 137-57	1.6	52
741	What Have We Learned about the Use of Cytosorb Adsorption Columns?. <i>Blood Purification</i> , 2019 , 48, 196-202	3.1	51
740	Therapeutic Targets of Human AKI: Harmonizing Human and Animal AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 44-8	12.7	51
739	The impact of lactate-buffered high-volume hemofiltration on acid-base balance. <i>Intensive Care Medicine</i> , 2003 , 29, 1113-20	14.5	51
738	Extracorporeal Ultrafiltration for Fluid Overload in Heart Failure: Current Status and Prospects for Further Research. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2428-2445	15.1	50

737	Baseline hydration status in incident peritoneal dialysis patients: the initiative of patient outcomes in dialysis (IPOD-PD study) □ <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, 849-58	4.3	50
736	Preoperative Renal Functional Reserve Predicts Risk of Acute Kidney Injury After Cardiac Operation. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1094-1101	2.7	50
735	Sorbents in acute renal failure and the systemic inflammatory response syndrome. <i>Blood Purification</i> , 2003 , 21, 79-84	3.1	50
734	Solute mass balance during isovolaemic high volume haemofiltration. <i>Intensive Care Medicine</i> , 2003 , 29, 1541-6	14.5	50
733	Cardiorenal Syndrome: An Overview. <i>Advances in Chronic Kidney Disease</i> , 2018 , 25, 382-390	4.7	50
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219	PMMA-Based Continuous Hemofiltration Modulated Complement Activation and Renal Dysfunction in LPS-Induced Acute Kidney Injury. <i>Frontiers in Immunology</i> , 2021 , 12, 605212	8.4	4
218	A Protective Kidney-Lung Approach to Improve Outcomes in Mechanically Ventilated Patients. <i>Blood Purification</i> , 2016 , 42, 214-8	3.1	4
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189	Cardiorenal Syndrome. <i>Critical Care Clinics</i> , 2021 , 37, 335-347	4.5	3
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129	Assisted peritoneal dialysis: strategies and outcomes.. <i>Renal Replacement Therapy</i> , 2022 , 8, 2	2.3	1
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123	Adjustment of Antimicrobial Regimen in Septic Patients Undergoing Continuous Renal Replacement Therapy in the Intensive Care Unit 2009 , 1441-1453		1
122	Sorbents: From Basic Structure to Clinical Application 2009 , 1524-1535		1
121	Multiple-Organ Support Therapy for the Critically Ill Patient 2009 , 1571-1577		1
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118	Flow Dynamic Analysis by Contrast-Enhanced Imaging Techniques of Medium Cutoff Membrane Hemodialyzer. <i>Blood Purification</i> , 2021 , 1-9	3.1	1
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114	Membranes and Filters for Use in Acute Renal Failure 2019 , 847-853.e1		1
113	Antiinflammatory Drugs and the Kidney 2019 , 1306-1309.e1		1
112	The Biology of Dialysis 2021 , 17-33		1
111	Cardiorenal Acute Kidney Injury: Epidemiology, Presentation, Causes, Pathophysiology, and Treatment 2018 , 257-269		1
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101	Remote Patient Management in Peritoneal Dialysis: Impact on Clinician's Practice and Behavior. <i>Contributions To Nephrology</i> , 2019 , 197, 44-53	1.6	0
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96	Unexpected Complication of Central Venous Catheter Exchange: Catheter Fragment Migration. <i>Blood Purification</i> , 2021 , 50, 582-587	3.1	0
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