Claudio Ronco

List of Publications by Year
in descending order

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964 papers	73,320 citations	1606 105 h-index	871 243 g-index
985 all docs	985 docs citations	985 times ranked	40899 citing authors

#	Article	IF	Citations
1	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. Critical Care, 2004, 8, R204.	2.5	5,531
2	Acute Renal Failure in Critically Ill Patients<SUBTITLE>A Multinational, Multicenter Study</SUBTITLE>. JAMA - Journal of the American Medical Association, 2005, 294, 813.	3.8	3,514
3	Management of Chronic Kidney Disease Patients in the Intensive Care Unit: Mixing Acute and Chronic Illness. Blood Purification, 2017, 43, 151-162.	0.9	3,492
4	Epidemiology of acute kidney injury in critically ill patients: the multinational AKI-EPI study. Intensive Care Medicine, 2015, 41, 1411-1423.	3.9	1,838
5	Effects of different doses in continuous veno-venous haemofiltration on outcomes of acute renal failure: a prospective randomised trial. Lancet, The, 2000, 356, 26-30.	6.3	1,677
6	Cardiorenal Syndrome. Journal of the American College of Cardiology, 2008, 52, 1527-1539.	1.2	1,669
7	Acute kidney injury. Lancet, The, 2012, 380, 756-766.	6.3	1,574
8	Continuous renal replacement therapy: AÂworldwide practice survey. Intensive Care Medicine, 2007, 33, 1563-1570.	3.9	1,020
9	Acute kidney injury. Lancet, The, 2019, 394, 1949-1964.	6.3	950
10	Acute kidney disease and renal recovery: consensus report of the Acute Disease Quality Initiative (ADQI) 16 Workgroup. Nature Reviews Nephrology, 2017, 13, 241-257.	4.1	946
11	Plasma neutrophil gelatinase-associated lipocalin is an early biomarker for acute kidney injury in an adult ICU population. Intensive Care Medicine, 2010, 36, 444-451.	3.9	859
12	An assessment of the RIFLE criteria for acute renal failure in hospitalized patients*. Critical Care Medicine, 2006, 34, 1913-1917.	0.4	854
13	Timing of renal replacement therapy and clinical outcomes in critically ill patients with severe acute kidney injury. Journal of Critical Care, 2009, 24, 129-140.	1.0	820
14	Cardio-renal syndromes: report from the consensus conference of the Acute Dialysis Quality Initiative. European Heart Journal, 2010, 31, 703-711.	1.0	797
15	Early Use of Polymyxin B Hemoperfusion in Abdominal Septic Shock. JAMA - Journal of the American Medical Association, 2009, 301, 2445.	3.8	682
16	Septic Acute Kidney Injury in Critically Ill Patients: Clinical Characteristics and Outcomes. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, 431-439.	2.2	664
17	Cardiorenal Syndrome: Classification, Pathophysiology, Diagnosis, and Treatment Strategies: A Scientific Statement From the American Heart Association. Circulation, 2019, 139, e840-e878.	1.6	619
18	The Outcome of Neutrophil Gelatinase-Associated Lipocalin-Positive Subclinical Acute Kidney Injury. Journal of the American College of Cardiology, 2011, 57, 1752-1761.	1.2	597

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19	Acute kidney injury. Nature Reviews Disease Primers, 2021, 7, 52.	18.1	509
20	Renal functional reserve in humans. American Journal of Medicine, 1983, 75, 943-950.	0.6	508
21	Acute kidney injury in sepsis. Intensive Care Medicine, 2017, 43, 816-828.	3.9	490
22	Management of acute kidney injury in patients with COVID-19. Lancet Respiratory Medicine,the, 2020, 8, 738-742.	5.2	467
23	COVID-19-associated acute kidney injury: consensus report of the 25th Acute Disease Quality Initiative (ADQI) Workgroup. Nature Reviews Nephrology, 2020, 16, 747-764.	4.1	466
24	Inflammation in AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 371-379.	3.0	409
25	Fluid balance and acute kidney injury. Nature Reviews Nephrology, 2010, 6, 107-115.	4.1	402
26	Kidney involvement in COVID-19 and rationale for extracorporeal therapies. Nature Reviews Nephrology, 2020, 16, 308-310.	4.1	401
27	Effect of Membrane Permeability on Survival of Hemodialysis Patients. Journal of the American Society of Nephrology: JASN, 2009, 20, 645-654.	3.0	364
28	Working Party proposal for a revised classification system of renal dysfunction in patients with cirrhosis. Gut, 2011, 60, 702-709.	6.1	359
29	Progression after AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 687-697.	3.0	351
30	Diuretics and mortality in acute renal failure*. Critical Care Medicine, 2004, 32, 1669-1677.	0.4	346
31	Recommendations on Acute Kidney Injury Biomarkers From the Acute Disease Quality Initiative Consensus Conference. JAMA Network Open, 2020, 3, e2019209.	2.8	335
32	Cardiorenal Syndrome Type 1. Journal of the American College of Cardiology, 2012, 60, 1031-1042.	1.2	332
33	Defining acute renal failure: physiological principles. Intensive Care Medicine, 2004, 30, 33-37.	3.9	321
34	Effectiveness of polymyxin B-immobilized fiber column in sepsis: a systematic review. Critical Care, 2007, 11, R47.	2.5	316
35	Interpreting the Mechanisms of Continuous Renal Replacement Therapy in Sepsis: The Peak Concentration Hypothesis. Artificial Organs, 2003, 27, 792-801.	1.0	290
36	A phase II randomized, controlled trial of continuous hemofiltration in sepsis. Critical Care Medicine, 2002, 30, 100-106.	0.4	278

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37	A pilot study of coupled plasma filtration with adsorption in septic shock*. Critical Care Medicine, 2002, 30, 1250-1255.	0.4	267
38	Controversies in acute kidney injury: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. Kidney International, 2020, 98, 294-309.	2.6	254
39	Cost of peritoneal dialysis and haemodialysis across the world. Nephrology Dialysis Transplantation, 2013, 28, 2553-2569.	0.4	246
40	Practice patterns in the management of acute renal failure in the critically ill patient: an international survey. Nephrology Dialysis Transplantation, 2006, 21, 690-696.	0.4	237
41	Effects of different membranes and dialysis technologies on patient treatment tolerance and nutritional parameters. Kidney International, 1996, 50, 1293-1302.	2.6	236
42	North East Italian Prospective Hospital Renal Outcome Survey on Acute Kidney Injury (NEiPHROS-AKI): Targeting the Problem with the RIFLE Criteria. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, 418-425.	2.2	225
43	Improving Outcomes From Acute Kidney Injury: Report of an Initiative. American Journal of Kidney Diseases, 2007, 50, 1-4.	2.1	222
44	Biomarkers of acute kidney injury: the pathway from discovery to clinical adoption. Clinical Chemistry and Laboratory Medicine, 2017, 55, 1074-1089.	1.4	212
45	Renal Functional Reserve and Renal Recovery after Acute Kidney Injury. Nephron Clinical Practice, 2014, 127, 94-100.	2.3	210
46	A comparison of observed versus estimated baseline creatinine for determination of RIFLE class in patients with acute kidney injury. Nephrology Dialysis Transplantation, 2009, 24, 2739-2744.	0.4	207
47	Discontinuation of continuous renal replacement therapy: A post hoc analysis of a prospective multicenter observational study*. Critical Care Medicine, 2009, 37, 2576-2582.	0.4	207
48	Diagnosis of Acute Kidney Injury Using Functional and Injury Biomarkers: Workgroup Statements from the Tenth Acute Dialysis Quality Initiative Consensus Conference. Contributions To Nephrology, 2013, 182, 13-29.	1.1	205
49	Clinical review: RIFLE and AKIN â€“ time for reappraisal. Critical Care, 2009, 13, 211.	2.5	204
50	Early isovolaemic haemofiltration in oliguric patients with septic shock. Intensive Care Medicine, 2006, 32, 80-86.	3.9	202
51	Fluid balance and urine volume are independent predictors of mortality in acute kidney injury. Critical Care, 2013, 17, R14.	2.5	200
52	Subclinical AKIâ€”an emerging syndrome with important consequences. Nature Reviews Nephrology, 2012, 8, 735-739.	4.1	195
53	Chronic kidney disease and cardiovascular complications. Heart Failure Reviews, 2015, 20, 259-272.	1.7	194
54	Delivered dose of renal replacement therapy and mortality in critically ill patients with acute kidney injury. Critical Care, 2009, 13, R57.	2.5	190

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55	A wearable haemodialysis device for patients with end-stage renal failure: a pilot study. Lancet, The, 2007, 370, 2005-2010.	6.3	189
56	Epidemiology of cardio-renal syndromes: workgroup statements from the 7th ADQI Consensus Conference. Nephrology Dialysis Transplantation, 2010, 25, 1406-1416.	0.4	188
57	Classification and staging of acute kidney injury: beyond the RIFLE and AKIN criteria. Nature Reviews Nephrology, 2011, 7, 201-208.	4.1	188
58	Cardiac Surgery-Associated Acute Kidney Injury. CardioRenal Medicine, 2013, 3, 178-199.	0.7	187
59	New CRRT systems: Impact on dose delivery. American Journal of Kidney Diseases, 1997, 30, S15-S19.	2.1	185
60	Oliguria as predictive biomarker of acute kidney injury in critically ill patients. Critical Care, 2011, 15, R172.	2.5	185
61	Inflammation and dietary protein intake exert competing effects on serum albumin and creatinine in hemodialysis patients. Kidney International, 2001, 60, 333-340.	2.6	182
62	Prevention of acute kidney injury and protection of renal function in the intensive care unit. Intensive Care Medicine, 2010, 36, 392-411.	3.9	182
63	Cardiac and Vascular Surgeryâ€“Associated Acute Kidney Injury: The 20th International Consensus Conference of the ADQI (Acute Disease Quality Initiative) Group. Journal of the American Heart Association, 2018, 7, .	1.6	182
64	Lungâ€“Kidney Cross-Talk in the Critically Ill Patient. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 402-414.	2.5	181
65	Cardiorenal syndrome: refining the definition of aÂcomplex symbiosis gone wrong. Intensive Care Medicine, 2008, 34, 957-962.	3.9	180
66	Continuous renal replacement therapy in neonates and small infants: development and first-in-human use of a miniaturised machine (CARPEDIEM). Lancet, The, 2014, 383, 1807-1813.	6.3	178
67	The pathogenesis of septic acute renal failure. Current Opinion in Critical Care, 2003, 9, 496-502.	1.6	175
68	Subclinical AKI is still AKI. Critical Care, 2012, 16, 313.	2.5	171
69	NGAL: a biomarker of acute kidney injury and other systemic conditions. International Urology and Nephrology, 2010, 42, 141-150.	0.6	169
70	The first international consensus conference on continuous renal replacement therapy. Kidney International, 2002, 62, 1855-1863.	2.6	166
71	Acute kidney injury in SARS-CoV-2 infected patients. Critical Care, 2020, 24, 155.	2.5	162
72	Fluid balance as a biomarker: impact of fluid overload on outcome in critically ill patients with acute kidney injury. Critical Care, 2008, 12, 169.	2.5	161

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73	Lungâ€“kidney interactions in critically ill patients: consensus report of the Acute Disease Quality Initiative (ADQI) 21 Workgroup. Intensive Care Medicine, 2020, 46, 654-672.	3.9	161
74	Cellular and Molecular Mechanisms of AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 1288-1299.	3.0	160
75	Trace element and vitamin concentrations and losses in critically ill patients treated with continuous venovenous hemofiltration. Critical Care Medicine, 1999, 27, 220-223.	0.4	158
76	Cardio-Pulmonary-Renal Interactions. Journal of the American College of Cardiology, 2015, 65, 2433-2448.	1.2	157
77	Renal replacement therapy in acute kidney injury: controversy and consensus. Critical Care, 2015, 19, 146.	2.5	157
78	Left Ventricular Hypertrophy in Chronic Kidney Disease Patients: From Pathophysiology to Treatment. CardioRenal Medicine, 2015, 5, 254-266.	0.7	157
79	Harmonizing acute and chronic kidney disease definition and classification: report of a Kidney Disease: Improving Global Outcomes (KDIGO) Consensus Conference. Kidney International, 2021, 100, 516-526.	2.6	156
80	Haemodialysis membranes. Nature Reviews Nephrology, 2018, 14, 394-410.	4.1	154
81	Nephrotoxicity and Chinese Herbal Medicine. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1605-1611.	2.2	153
82	Quality Improvement Goals for Acute Kidney Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 941-953.	2.2	152
83	Use of Peritoneal Dialysis in AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 1649-1660.	2.2	151
84	Kidneyâ€“brain crosstalk in the acute and chronic setting. Nature Reviews Nephrology, 2015, 11, 707-719.	4.1	151
85	Mitochondria in Sepsis-Induced AKI. Journal of the American Society of Nephrology: JASN, 2019, 30, 1151-1161.	3.0	148
86	Early Diagnosis of Acute Kidney Injury: The Promise of Novel Biomarkers. Blood Purification, 2009, 28, 165-174.	0.9	145
87	External validation of severity scoring systems for acute renal failure using a multinational database. Critical Care Medicine, 2005, 33, 1961-1967.	0.4	138
88	Pathophysiology of the Cardiorenal Syndromes: Executive Summary from the Eleventh Consensus Conference of the Acute Dialysis Quality Initiative (ADQI). Contributions To Nephrology, 2013, 182, 82-98.	1.1	135
89	Neutrophil gelatinase-associated lipocalin (NGAL) as biomarker of acute kidney injury: a review of the laboratory characteristics and clinical evidences. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1505-17.	1.4	134
90	Pulse high-volume haemofiltration for treatment of severe sepsis: effects on hemodynamics and survival. Critical Care, 2005, 9, R294.	2.5	131

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91	Patient Selection and Timing of Continuous Renal Replacement Therapy. Blood Purification, 2016, 42, 224-237.	0.9	129
92	Timing of Initiation and Discontinuation of Renal Replacement Therapy in AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 876-880.	2.2	126
93	Nomenclature for renal replacement therapy in acute kidney injury: basic principles. Critical Care, 2016, 20, 318.	2.5	125
94	Definition and Classification of Acute Kidney Injury. Nephron Clinical Practice, 2008, 109, c182-c187.	2.3	123
95	Extracorporeal Blood Purification Therapies for Sepsis. Blood Purification, 2019, 47, 2-15.	0.9	121
96	Extracorporeal techniques for the treatment of critically ill patients with sepsis beyond conventional blood purification therapy: the promises and the pitfalls. Critical Care, 2018, 22, 262.	2.5	119
97	Definition and classification of Cardio-Renal Syndromes: workgroup statements from the 7th ADQI Consensus Conference. Nephrology Dialysis Transplantation, 2010, 25, 1416-1420.	0.4	118
98	Solute removal during continuous renal replacement therapy in critically ill patients: convection versus diffusion. Critical Care, 2006, 10, R67.	2.5	117
99	Prophylactic fenoldopam for renal protection in sepsis: A randomized, double-blind, placebo-controlled pilot trial*. Critical Care Medicine, 2005, 33, 2451-2456.	0.4	116
100	Cardiorenal Syndrome. Heart Failure Clinics, 2014, 10, 251-280.	1.0	115
101	Effects of a reduced inner diameter of hollow fibers in hemodialyzers. Kidney International, 2000, 58, 809-817.	2.6	114
102	Renal Replacement Therapies for Prevention of Radiocontrast-induced Nephropathy: A Systematic Review. American Journal of Medicine, 2012, 125, 66-78.e3.	0.6	113
103	Metabolic reprogramming and tolerance during sepsis-induced AKI. Nature Reviews Nephrology, 2017, 13, 143-151.	4.1	113
104	Cardiorenal Syndrome: An Overview. Advances in Chronic Kidney Disease, 2018, 25, 382-390.	0.6	109
105	Extracorporeal Blood Purification Therapies for Prevention of Radiocontrast-Induced Nephropathy: A Systematic Review. American Journal of Kidney Diseases, 2006, 48, 361-371.	2.1	108
106	Cardiorenal Syndromes: An Executive Summary from the Consensus Conference of the Acute Dialysis Quality Initiative (ADQI). Contributions To Nephrology, 2010, 165, 54-67.	1.1	106
107	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). Contributions To Nephrology, 2013, 182, 5-12.	1.1	105
108	Treatment of acute renal failure in newborns by continuous arterioâ€“venous hemofiltration. Kidney International, 1986, 29, 908-915.	2.6	104

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109	Intermittent versus continuous renal replacement therapy in the ICU: impact on electrolyte and acid-base balance. Intensive Care Medicine, 2001, 27, 1037-1043.	3.9	104
110	Extracorporeal Therapies in Non-Renal Disease: Treatment of Sepsis and the Peak Concentration Hypothesis. Blood Purification, 2004, 22, 164-174.	0.9	103
111	The Vicenza Wearable Artificial Kidney for Peritoneal Dialysis (ViWAK PD). Blood Purification, 2007, 25, 383-388.	0.9	103
112	Acute renal failure in cancer patients. Annals of Medicine, 2005, 37, 13-25.	1.5	100
113	Polymyxin B hemoperfusion: a mechanistic perspective. Critical Care, 2014, 18, 309.	2.5	100
114	Acute kidney injury in the ICU: from injury to recovery: reports from the 5th Paris International Conference. Annals of Intensive Care, 2017, 7, 49.	2.2	100
115	Extracorporeal Membrane Oxygenation and the Kidney. CardioRenal Medicine, 2016, 6, 50-60.	0.7	99
116	Hospital-acquired acute kidney injury in the elderly. Nature Reviews Nephrology, 2010, 6, 141-149.	4.1	96
117	Prescription of CRRT: a pathway to optimize therapy. Annals of Intensive Care, 2020, 10, 32.	2.2	96
118	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. Heart Failure Reviews, 2011, 16, 519-529.	1.7	95
119	Nomenclature for renal replacement therapy and blood purification techniques in critically ill patients: practical applications. Critical Care, 2016, 20, 283.	2.5	94
120	Postoperative acute kidney injury in adult non-cardiac surgery: joint consensus report of the Acute Disease Quality Initiative and PeriOperative Quality Initiative. Nature Reviews Nephrology, 2021, 17, 605-618.	4.1	94
121	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). Contributions To Nephrology, 2013, 182, 117-136.	1.1	93
122	Coronavirus Epidemic and Extracorporeal Therapies in Intensive Care: si vis pacem para bellum. Blood Purification, 2020, 49, 255-258.	0.9	91
123	Impact of biofeedback-induced cardiovascular stability on hemodialysis tolerance and efficiency. Kidney International, 2000, 58, 800-808.	2.6	90
124	Variation in Risk and Mortality of Acute Kidney Injury in Critically Ill Patients: A Multicenter Study. American Journal of Nephrology, 2015, 41, 81-88.	1.4	89
125	Extracorporeal Ultrafiltration for the Treatment of Overhydration and Congestive Heart Failure. Cardiology, 2001, 96, 155-168.	0.6	88
126	Assessment of intravascular volume status and volume responsiveness in critically ill patients. Kidney International, 2013, 83, 1017-1028.	2.6	88

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127	Extracorporeal Ultrafiltration for FluidÂOverload in Heart Failure. Journal of the American College of Cardiology, 2017, 69, 2428-2445.	1.2	88
128	Coronavirus epidemic: preparing for extracorporeal organ support in intensive care. Lancet Respiratory Medicine,the, 2020, 8, 240-241.	5.2	88
129	Cardiopulmonary Bypass-Associated Acute Kidney Injury: A Pigment Nephropathy?. Contributions To Nephrology, 2007, 156, 340-353.	1.1	87
130	Acute kidney injury and residual renal function. Critical Care, 2012, 16, 144.	2.5	87
131	Heartâ€“kidney crosstalk and role of humoral signaling in critical illness. Critical Care, 2014, 18, 201.	2.5	87
132	Acute kidney injury in elderly intensive care patients: a review. Intensive Care Medicine, 2010, 36, 1454-1464.	3.9	86
133	What Have We Learned about the Use of Cytosorb Adsorption Columns?. Blood Purification, 2019, 48, 196-202.	0.9	86
134	Removal of platelet-activating factor in experimental continuous arteriovenous hemofiltration. Critical Care Medicine, 1995, 23, 99-107.	0.4	86
135	Coupled plasma filtration adsorption. Intensive Care Medicine, 2003, 29, 1222-1228.	3.9	85
136	Risk Factors for Long-Term Mortality and Progressive Chronic Kidney Disease Associated With Acute Kidney Injury After Cardiac Surgery. Medicine (United States), 2015, 94, e2025.	0.4	85
137	Utilizing Electronic Health Records to Predict Acute Kidney Injury Risk and Outcomes: Workgroup Statements from the 15thADQI Consensus Conference. Canadian Journal of Kidney Health and Disease, 2016, 3, 99.	0.6	84
138	A new scintigraphic method to characterize ultrafiltration in hollow fiber dialyzers. Kidney International, 1992, 41, 1383-1393.	2.6	83
139	Enhancement of convective transport by internal filtration in a modified experimental hemodialyzer. Kidney International, 1998, 54, 979-985.	2.6	83
140	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). Contributions To Nephrology, 2013, 182, 99-116.	1.1	83
141	Peritoneal Dialysis in Patients with Refractory Congestive Heart Failure: A Systematic Review. CardioRenal Medicine, 2015, 5, 145-156.	0.7	83
142	Extracorporeal Blood Purification and Organ Support in the Critically Ill Patient during COVID-19 Pandemic: Expert Review and Recommendation. Blood Purification, 2021, 50, 17-27.	0.9	83
143	Weathering the Cytokine Storm in COVID-19: Therapeutic Implications. CardioRenal Medicine, 2020, 10, 277-287.	0.7	82
144	Congestive nephropathy: a neglected entity? Proposal for diagnostic criteria and future perspectives. ESC Heart Failure, 2021, 8, 183-203.	1.4	82

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145	Kidney Attack. JAMA - Journal of the American Medical Association, 2012, 307, 2265-6.	3.8	81
146	Renal Hemodynamics in AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 49-58.	3.0	81
147	Neutrophil gelatinase-associated lipocalin as a biomarker of cardiovascular disease: a systematic review. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1533-45.	1.4	80
148	Preoperative Renal Functional Reserve Predicts Risk of Acute Kidney Injury After Cardiac Operation. Annals of Thoracic Surgery, 2018, 105, 1094-1101.	0.7	80
149	Neutrophil Gelatinase-Associated Lipocalin Measured on Clinical Laboratory Platforms for the Prediction of Acute Kidney Injury and the Associated Need for Dialysis Therapy: A Systematic Review and Meta-analysis. American Journal of Kidney Diseases, 2020, 76, 826-841.e1.	2.1	80
150	Blood and Dialysate Flow Distributions in Hollow-Fiber Hemodialyzers Analyzed by Computerized Helical Scanning Technique. Journal of the American Society of Nephrology: JASN, 2002, 13, S53-S61.	3.0	80
151	Neutrophil Gelatinase-Associated Lipocalin: Ready for Routine Clinical Use? An International Perspective. Blood Purification, 2014, 37, 271-285.	0.9	78
152	Impact of hyperhydration on the mortality risk in critically ill patients admitted in intensive care units: comparison between bioelectrical impedance vector analysis and cumulative fluid balance recording. Critical Care, 2016, 20, 95.	2.5	78
153	Development of a Clinical Research Agenda for Acute Kidney Injury Using an International, Interdisciplinary, Three-Step Modified Delphi Process. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 887-894.	2.2	77
154	Targeting Endogenous Repair Pathways after AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 990-998.	3.0	77
155	Precision Continuous Renal Replacement Therapy and Solute Control. Blood Purification, 2016, 42, 238-247.	0.9	76
156	Creatinine-based definitions: from baseline creatinine to serum creatinine adjustment in intensive care. Critical Care, 2016, 20, 69.	2.5	76
157	Understanding renal functional reserve. Intensive Care Medicine, 2017, 43, 917-920.	3.9	76
158	Mechanisms for hemodynamic instability related to renal replacement therapy: a narrative review. Intensive Care Medicine, 2019, 45, 1333-1346.	3.9	76
159	Coupled Plasma Filtration Adsorption: Rationale, Technical Development and Early Clinical Experience. Blood Purification, 2003, 21, 409-416.	0.9	75
160	The Role of Inflammation in the Cardio-Renal Syndrome: A Focus on Cytokines and Inflammatory Mediators. Seminars in Nephrology, 2012, 32, 70-78.	0.6	75
161	Congestive kidney failure in cardiac surgery: the relationship between central venous pressure and acute kidney injury. Interactive Cardiovascular and Thoracic Surgery, 2016, 23, 800-805.	0.5	75
162	Extracorporeal organ support (ECOS) in critical illness and acute kidney injury: from native to artificial organ crosstalk. Intensive Care Medicine, 2018, 44, 1447-1459.	3.9	75

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163	Pre-Renal Azotemia: A Flawed Paradigm in Critically Ill Septic Patients?. , 2007, 156, 1-9.		74
164	A proposed algorithm for initiation of renal replacement therapy in adult critically ill patients. Critical Care, 2009, 13, 317.	2.5	74
165	Classification of Uremic Toxins and Their Role in Kidney Failure. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1918-1928.	2.2	74
166	Epidemiology of Acute Kidney Injury. Contributions To Nephrology, 2010, 165, 1-8.	1.1	72
167	The cardiac surgeryâ€“associated neutrophil gelatinase-associated lipocalin (CSA-NGAL) score: A potential tool to monitor acute tubular damage. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 1476-1481.	0.4	72
168	Potential Interventions in Sepsis-Related Acute Kidney Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 531-544.	2.2	71
169	The Cardiorenal Syndrome. Blood Purification, 2009, 27, 114-126.	0.9	71
170	A New Series of Sorbent Devices for Multiple Clinical Purposes: Current Evidence and Future Directions. Blood Purification, 2019, 47, 94-100.	0.9	71
171	Diagnosis and Management of Fluid Overload in Heart Failure and Cardio-Renal Syndrome: The â€œ5Bâ€• Approach. Seminars in Nephrology, 2012, 32, 129-141.	0.6	70
172	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. Intensive Care Medicine, 2018, 44, 167-178.	3.9	70
173	Expanded haemodialysis: from operational mechanism to clinical results. Nephrology Dialysis Transplantation, 2018, 33, iii41-iii47.	0.4	70
174	Reviews: Uremic Toxins: A New Focus on an Old Subject. Seminars in Dialysis, 2005, 18, 203-211.	0.7	69
175	Dose and efficiency of renal replacement therapy: Continuous renal replacement therapy versus intermittent hemodialysis versus slow extended daily dialysis. Critical Care Medicine, 2008, 36, S229-S237.	0.4	69
176	Cardiorenal Syndrome Type 3: Pathophysiologic and Epidemiologic Considerations. Contributions To Nephrology, 2013, 182, 137-157.	1.1	68
177	Precision Fluid Management in Continuous Renal Replacement Therapy. Blood Purification, 2016, 42, 266-278.	0.9	68
178	Baseline hydration status in incident peritoneal dialysis patients: the initiative of patient outcomes in dialysis (IPOD-PD study). Nephrology Dialysis Transplantation, 2015, 30, 849-858.	0.4	67
179	Nomenclature for continuous renal replacement therapies. American Journal of Kidney Diseases, 1996, 28, S2-S7.	2.1	66
180	Extracorporeal therapies in acute rhabdomyolysis and myoglobin clearance. Critical Care, 2005, 9, 141.	2.5	66

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181	Cytokine Removal with High Cut-Off Membrane: Review of Literature. Blood Purification, 2014, 38, 167-173.	0.9	66
182	Therapeutic Targets of Human AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 44-48.	3.0	66
183	Dopplerâ€Derived Renal Venous Stasis Index in the Prognosis of Right Heart Failure. Journal of the American Heart Association, 2019, 8, e013584.	1.6	66
184	Sorbents in Acute Renal Failure and the Systemic Inflammatory Response Syndrome. Blood Purification, 2003, 21, 79-84.	0.9	65
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