

# John A Kellum

## List of Publications by Year in Descending Order

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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.

701  
papers

59,145  
citations

107  
h-index

230  
g-index

778  
ext. papers

71,211  
ext. citations

6.7  
avg, IF

8  
L-index

#	Paper	IF	Citations
701	Kidney and Mortality Outcomes Associated with Ondansetron in Critically Ill Patients.. <i>Journal of Intensive Care Medicine</i> , <b>2022</b> , 8850666211073582	3.3	1
700	Association of Metformin Use During Hospitalization and Mortality in Critically Ill Adults With Type 2 Diabetes Mellitus and Sepsis.. <i>Critical Care Medicine</i> , <b>2022</b> ,	1.4	2
699	Evaluation and Treatment of Acute Oliguria <b>2022</b> , 251-258		
698	Modeling oxidative injury response in human kidney organoids.. <i>Stem Cell Research and Therapy</i> , <b>2022</b> , 13, 76	8.3	0
697	Association of early hyponatremia and the development of acute kidney injury in critically ill children.. <i>Pediatric Nephrology</i> , <b>2022</b> , 1	3.2	0
696	Sepsis with liver dysfunction and coagulopathy predicts an inflammatory pattern of macrophage activation.. <i>Intensive Care Medicine Experimental</i> , <b>2022</b> , 10, 6	3.7	0
695	Uncommon Causes of Acute Kidney Injury.. <i>Critical Care Clinics</i> , <b>2022</b> , 38, 317-347	4.5	0
694	Subtypes and Mimics of Sepsis.. <i>Critical Care Clinics</i> , <b>2022</b> , 38, 195-211	4.5	0
693	Consensus Obtained for the Nephrotoxic Potential of 167 Drugs in Adult Critically Ill Patients Using a Modified Delphi Method.. <i>Drug Safety</i> , <b>2022</b> , 1	5.1	1
692	Early versus delayed initiation of renal replacement therapy in cardiac-surgery associated acute kidney injury: an economic perspective.. <i>Journal of Critical Care</i> , <b>2022</b> , 69, 153977	4	0
691	Incorrect application of the KDIGO acute kidney injury staging criteria.. <i>CKJ: Clinical Kidney Journal</i> , <b>2022</b> , 15, 937-941	4.5	0
690	Patient-Reported Experiences after Acute Kidney Injury across Multiple Health-Related Quality-of-Life Domains.. <i>Kidney360</i> , <b>2022</b> , 3, 426-434	1.8	0
689	The Pathogenesis of Ischemia-Reperfusion Induced Acute Kidney Injury Depends on Renal Neutrophil Recruitment Whereas Sepsis-Induced AKI Does Not.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 843782	8.4	0
688	The epidemiology and long-term outcomes of acute kidney disease in a resource-limited setting.. <i>Journal of Nephrology</i> , <b>2022</b> , 1	4.8	0
687	Machine learning derivation of four computable 24-h pediatric sepsis phenotypes to facilitate enrollment in early personalized anti-inflammatory clinical trials.. <i>Critical Care</i> , <b>2022</b> , 26, 128	10.8	0
686	Effects of preoperative high-oral protein loading on short- and long-term renal outcomes following cardiac surgery: a cohort study.. <i>Journal of Translational Medicine</i> , <b>2022</b> , 20, 204	8.5	
685	Utility of Biomarkers for Sepsis-Associated Acute Kidney Injury Staging.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2212709	10.4	0

684	Dapagliflozin in patients with COVID-19: mind the kidneys.. <i>Lancet Diabetes and Endocrinology</i> , <b>2021</b> ,	18.1	0
683	Outcomes of adults with congenital heart disease that experience acute kidney injury in the intensive care unit. <i>Cardiology in the Young</i> , <b>2021</b> , 31, 274-278	1	2
682	Letter in Reply to Gueret et al: Carbon Dioxide Removal: Low Bicarbonate or H+ (Cl-) Addition?. <i>ASAIO Journal</i> , <b>2021</b> , 67, e58	3.6	
681	Acute kidney disease predicts chronic kidney disease in pediatric non-kidney solid organ transplant patients. <i>Pediatric Transplantation</i> , <b>2021</b> , e14172	1.8	0
680	Urinary ezrin and moesin as novel markers for recovery from acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> , 36, 938-941	4.3	0
679	Effects of 5% Albumin Plus Saline Versus Saline Alone on Outcomes From Large-Volume Resuscitation in Critically Ill Patients. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 79-90	1.4	0
678	Association of Acute Kidney Injury With Subsequent Sepsis in Critically Ill Children. <i>Pediatric Critical Care Medicine</i> , <b>2021</b> , 22, e58-e66	3	1
677	Heterogeneity of Effect of Net Ultrafiltration Rate among Critically Ill Adults Receiving Continuous Renal Replacement Therapy. <i>Blood Purification</i> , <b>2021</b> , 50, 336-346	3.1	3
676	The authors reply. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e476-e477	1.4	
675	Galectin-3 in septic acute kidney injury: a translational study. <i>Critical Care</i> , <b>2021</b> , 25, 109	10.8	1
674	Conceptual advances and evolving terminology in acute kidney disease. <i>Nature Reviews Nephrology</i> , <b>2021</b> , 17, 493-502	14.9	8
673	Innovations and Emerging Therapies to Combat Renal Cell Damage: NAD As a Drug Target. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> , 35, 1449-1466	8.4	3
672	Limiting Acute Kidney Injury Progression In Sepsis: Study Protocol and Trial Simulation. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 1706-1716	1.4	2
671	Biomarkers in Acute Kidney Injury. <i>Critical Care Clinics</i> , <b>2021</b> , 37, 385-398	4.5	8
670	Effect of Cytokine Adsorption on Survival and Circulatory Stabilization in Patients Receiving Extracorporeal Cardiopulmonary Resuscitation. <i>ASAIO Journal</i> , <b>2021</b> ,	3.6	2
669	Defining Acute Kidney Injury. <i>Critical Care Clinics</i> , <b>2021</b> , 37, 251-266	4.5	4
668	Endotoxin Adsorbent Therapy in Severe COVID-19 Pneumonia. <i>Blood Purification</i> , <b>2021</b> , 1-8	3.1	7
667	Development of a Theory-Informed Behavior Change Intervention to Reduce Inappropriate Prescribing of Nephrotoxins and Renally Eliminated Drugs. <i>Annals of Pharmacotherapy</i> , <b>2021</b> , 55, 1474-1485	2.9	1

666	Optimising the timing of renal replacement therapy in acute kidney injury. <i>Critical Care</i> , <b>2021</b> , 25, 184	10.8	2
665	Postoperative acute kidney injury in adult non-cardiac surgery: joint consensus report of the Acute Disease Quality Initiative and PeriOperative Quality Initiative. <i>Nature Reviews Nephrology</i> , <b>2021</b> , 17, 605-618	14.8	10
664	Creating a High-Specificity Acute Kidney Injury Detection System for Clinical and Research Applications. <i>American Journal of Kidney Diseases</i> , <b>2021</b> , 78, 764-766	7.4	0
663	Prevention of Cardiac Surgery-Associated Acute Kidney Injury by Implementing the KDIGO Guidelines in High-Risk Patients Identified by Biomarkers: The PrevAKI-Multicenter Randomized Controlled Trial. <i>Anesthesia and Analgesia</i> , <b>2021</b> , 133, 292-302	3.9	22
662	External validation of urinary C-C motif chemokine ligand 14 (CCL14) for prediction of persistent acute kidney injury. <i>Critical Care</i> , <b>2021</b> , 25, 185	10.8	2
661	Continuous Renal Replacement Therapy: The Interaction between Fluid Balance and Net Ultrafiltration. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 1199-1201	10.2	3
660	Urinary EGF and MCP-1 and risk of CKD after cardiac surgery. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	4
659	Association between Net Ultrafiltration Rate and Renal Recovery among Critically Ill Adults with Acute Kidney Injury Receiving Continuous Renal Replacement Therapy: An Observational Cohort Study. <i>Blood Purification</i> , <b>2021</b> , 1-13	3.1	6
658	Acute kidney injury. <i>Nature Reviews Disease Primers</i> , <b>2021</b> , 7, 52	51.1	75
657	Early net ultrafiltration rate and mortality in critically ill patients receiving continuous renal replacement therapy. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> , 36, 1112-1119	4.3	12
656	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
655	Ultrafiltration in critically ill patients treated with kidney replacement therapy. <i>Nature Reviews Nephrology</i> , <b>2021</b> , 17, 262-276	14.9	11
654	Transforming the Medication Regimen Review Process Using Telemedicine to Prevent Adverse Events. <i>Journal of the American Geriatrics Society</i> , <b>2021</b> , 69, 530-538	5.6	4
653	Acute kidney injury in renal transplant recipients undergoing cardiac surgery. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> , 36, 185-196	4.3	2
652	The impact of acute kidney injury by serum creatinine or urine output criteria on major adverse kidney events in cardiac surgery patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, 143-151.e7 <sup>26</sup>	1.5	26
651	Use of Biomarkers to Identify Acute Kidney Injury to Help Detect Sepsis in Patients With Infection. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e360-e368	1.4	3
650	Outcomes of end-stage renal disease patients in the PROCESS trial. <i>Journal of the American College of Emergency Physicians Open</i> , <b>2021</b> , 2, e12358	1.6	
649	A systematic review of cost-effectiveness analyses across the acute kidney injury landscape. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , <b>2021</b> , 21, 571-578	2.2	2

648	Comparison of C-C motif chemokine ligand 14 with other biomarkers for adverse kidney events after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	3
647	Automated versus manual urine output monitoring in the intensive care unit. <i>Scientific Reports</i> , <b>2021</b> , 11, 17429	4.9	2
646	KIM-1-mediated anti-inflammatory activity is preserved by MUC1 induction in the proximal tubule during ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2021</b> , 321, F135-F148	4.3	1
645	Effect of Slower vs Faster Intravenous Fluid Bolus Rates on Mortality in Critically Ill Patients: The BaSICS Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 326, 830-838	27.4	7
644	Acute Kidney Injury in Extracorporeal Membrane Oxygenation Patients: National Analysis of Impact of Age. <i>Blood Purification</i> , <b>2021</b> , 1-10	3.1	0
643	Harmonizing acute and chronic kidney disease definition and classification: report of a Kidney Disease: Improving Global Outcomes (KDIGO) Consensus Conference. <i>Kidney International</i> , <b>2021</b> , 100, 516-526	9.9	25
642	Effect of ondansetron on reducing ICU mortality in patients with acute kidney injury. <i>Scientific Reports</i> , <b>2021</b> , 11, 19409	4.9	4
641	Effect of Intravenous Fluid Treatment With a Balanced Solution vs 0.9% Saline Solution on Mortality in Critically Ill Patients: The BaSICS Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> ,	27.4	21
640	A translational study of Galectin-3 as an early biomarker and potential therapeutic target for ischemic-reperfusion induced acute kidney injury. <i>Journal of Critical Care</i> , <b>2021</b> , 65, 192-199	4	0
639	ICU-Based Renal Replacement Therapy. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 406-418	1.4	6
638	Tissue Inhibitor of Metalloproteinases-2 Mediates Kidney Injury during Sepsis. <i>Nephron</i> , <b>2020</b> , 144, 644-649	6.4	1
637	Biomarker-guided implementation of the KDIGO guidelines to reduce the occurrence of acute kidney injury in patients after cardiac surgery (PrevAKI-multicentre): protocol for a multicentre, observational study followed by randomised controlled feasibility trial. <i>BMJ Open</i> , <b>2020</b> , 10, e034201	3	5
636	Reply by Cove and Kellum to Swenson. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 907-908	10.2	
635	Fluid removal associates with better outcomes in critically ill patients receiving continuous renal replacement therapy: a cohort study. <i>Critical Care</i> , <b>2020</b> , 24, 279	10.8	10
634	Sepsis-Associated Acute Kidney Disease. <i>Kidney International Reports</i> , <b>2020</b> , 5, 839-850	4.1	20
633	Serial Measurement of Cell-cycle Arrest Biomarkers [TIMP-2][GFBP7] and Risk for Progression to Death, Dialysis or Severe Acute Kidney Injury in Patients with Septic Shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> ,	10.2	16
632	Acute cardiorenal syndrome in acute heart failure: focus on renal replacement therapy. <i>European Heart Journal: Acute Cardiovascular Care</i> , <b>2020</b> , 9, 802-811	4.3	6
631	Quality of care after AKI development in the hospital: Consensus from the 22nd Acute Disease Quality Initiative (ADQI) conference. <i>European Journal of Internal Medicine</i> , <b>2020</b> , 80, 45-53	3.9	3

630	Respiratory Dialysis-A Novel Low Bicarbonate Dialysate to Provide Extracorporeal CO2 Removal. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e592-e598	1.4	2
629	Sustained effects of a clinical decision support system for acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 1819-1821	4.3	3
628	The Angiotensin-Tie2 Pathway in Critical Illness. <i>Critical Care Clinics</i> , <b>2020</b> , 36, 201-216	4.5	8
627	Time-dependent effects of histone deacetylase inhibition in sepsis-associated acute kidney injury. <i>Intensive Care Medicine Experimental</i> , <b>2020</b> , 8, 9	3.7	7
626	Use of tissue inhibitor of metalloproteinase 2 and insulin-like growth factor binding protein 7 [TIMP2][IGFBP7] as an AKI risk screening tool to manage patients in the real-world setting. <i>Journal of Critical Care</i> , <b>2020</b> , 57, 97-101	4	7
625	Typical and Atypical Hemolytic Uremic Syndrome in the Critically Ill. <i>Critical Care Clinics</i> , <b>2020</b> , 36, 333-356	4.5	14
624	Identification and validation of biomarkers of persistent acute kidney injury: the RUBY study. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 943-953	14.5	47
623	Activation of AMP-activated protein kinase during sepsis/inflammation improves survival by preserving cellular metabolic fitness. <i>FASEB Journal</i> , <b>2020</b> , 34, 7036-7057	0.9	18
622	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
621	Impact of Consensus Papers versus Randomized Trials in Critical Care Nephrology. <i>Blood Purification</i> , <b>2020</b> , 49, 708-712	3.1	
620	Advanced organ support (ADVOS) in the critically ill: first clinical experience in patients with multiple organ failure. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 96	8.9	7
619	Endotoxemia and circulating bacteriome in severe COVID-19 patients. <i>Intensive Care Medicine Experimental</i> , <b>2020</b> , 8, 72	3.7	31
618	Management of Acute Kidney Injury <b>2020</b> , 367-373		
617	Traditional and Novel Tools for Diagnosis of Acute Kidney Injury <b>2020</b> , 361-365		1
616	The use of urinary biomarkers to predict acute kidney injury in children after liver transplant. <i>Pediatric Transplantation</i> , <b>2020</b> , 24, e13608	1.8	5
615	The Role of Biomarkers in Acute Kidney Injury. <i>Critical Care Clinics</i> , <b>2020</b> , 36, 125-140	4.5	40
614	Community Health Care Quality Standards to Prevent Acute Kidney Injury and Its Consequences. <i>American Journal of Medicine</i> , <b>2020</b> , 133, 552-560.e3	2.4	2
613	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

612	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
611	Targeting acute kidney injury in COVID-19. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 1652-1662	4.3	23
610	Quality of Care for Acute Kidney Disease: Current Knowledge Gaps and Future Directions. <i>Kidney International Reports</i> , <b>2020</b> , 5, 1634-1642	4.1	6
609	Contemporary Management of Severe Acute Kidney Injury and Refractory Cardiorenal Syndrome: JACC Council Perspectives. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1084-1101	15.1	20
608	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
607	COVID-19-associated acute kidney injury: consensus report of the 25th Acute Disease Quality Initiative (ADQI) Workgroup. <i>Nature Reviews Nephrology</i> , <b>2020</b> , 16, 747-764	14.9	229
606	Recommendations on Acute Kidney Injury Biomarkers From the Acute Disease Quality Initiative Consensus Conference: A Consensus Statement. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2019209	10.4	84
605	Acute kidney injury and urinary biomarkers in hospitalized patients with coronavirus disease-2019. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 1271-1274	4.3	18
604	Perioperative Renoprotection: General Mechanisms and Treatment Approaches. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 131, 1679-1692	3.9	5
603	Cross-site transportability of an explainable artificial intelligence model for acute kidney injury prediction. <i>Nature Communications</i> , <b>2020</b> , 11, 5668	17.4	16
602	Csf2 Attenuated Sepsis-Induced Acute Kidney Injury by Promoting Alternative Macrophage Transition. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1415	8.4	10
601	Changing relative risk of clinical factors for hospital-acquired acute kidney injury across age groups: a retrospective cohort study. <i>BMC Nephrology</i> , <b>2020</b> , 21, 321	2.7	2
600	Effects of Different Doses of Remote Ischemic Preconditioning on Kidney Damage Among Patients Undergoing Cardiac Surgery: A Single-Center Mechanistic Randomized Controlled Trial. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e690-e697	1.4	2
599	The authors reply. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e1158-e1159	1.4	
598	Mediators of the Impact of Hourly Net Ultrafiltration Rate on Mortality in Critically Ill Patients Receiving Continuous Renal Replacement Therapy. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e934-e942	1.4	10
597	Validation of an Electronic Pediatric Index of Mortality 2 Score in a Mixed Quaternary PICU. <i>Pediatric Critical Care Medicine</i> , <b>2020</b> , 21, e572-e575	3	2
596	The epidemiology and characteristics of acute kidney injury in the Southeast Asia intensive care unit: a prospective multicentre study. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 1729-1738	4.3	33
595	A Multinational Observational Study Exploring Adherence With the Kidney Disease: Improving Global Outcomes Recommendations for Prevention of Acute Kidney Injury After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 130, 910-916	3.9	10

594	Artificial intelligence to predict AKI: is it a breakthrough?. <i>Nature Reviews Nephrology</i> , <b>2019</b> , 15, 663-664	14.9	8
593	Piperacillin/Tazobactam and Antibiotic-Associated Acute Kidney Injury in Critically Ill Children. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 2243-2251	12.7	15
592	Clinical use of [TIMP-2] [GFBP7] biomarker testing to assess risk of acute kidney injury in critical care: guidance from an expert panel. <i>Critical Care</i> , <b>2019</b> , 23, 225	10.8	26
591	Evaluating Renal Stress Using Pharmacokinetic Urinary Biomarker Data in Critically Ill Patients Receiving Vancomycin and/or Piperacillin-Tazobactam: A Secondary Analysis of the Multicenter Sapphire Study. <i>Drug Safety</i> , <b>2019</b> , 42, 1149-1155	5.1	14
590	Association of Net Ultrafiltration Rate With Mortality Among Critically Ill Adults With Acute Kidney Injury Receiving Continuous Venovenous Hemodiafiltration: A Secondary Analysis of the Randomized Evaluation of Normal vs Augmented Level (RENAL) of Renal Replacement Therapy Trial. <i>JAMA Network Open</i> , <b>2019</b> , 2, e195418	10.4	53
589	Acute kidney injury from sepsis: current concepts, epidemiology, pathophysiology, prevention and treatment. <i>Kidney International</i> , <b>2019</b> , 96, 1083-1099	9.9	252
588	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
587	Association between urinary dickkopf-3, acute kidney injury, and subsequent loss of kidney function in patients undergoing cardiac surgery: an observational cohort study. <i>Lancet, The</i> , <b>2019</b> , 394, 488-496	4.0	56
586	A Proof of Concept Study, Demonstrating Extracorporeal Carbon Dioxide Removal Using Hemodialysis with a Low Bicarbonate Dialysate. <i>ASAIO Journal</i> , <b>2019</b> , 65, 605-613	3.6	16
585	Redox (phospho)lipidomics of signaling in inflammation and programmed cell death. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 106, 57-81	6.5	22
584	Derivation, Validation, and Potential Treatment Implications of Novel Clinical Phenotypes for Sepsis. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 2003-2017	27.4	360
583	Acute Kidney Injury Related to Sepsis-Reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 1828-1829	27.4	
582	Plasma Biomarkers in Predicting Renal Recovery from Acute Kidney Injury in Critically Ill Patients. <i>Blood Purification</i> , <b>2019</b> , 48, 253-261	3.1	4
581	Sepsis-Associated Acute Kidney Injury: A Problem Deserving of New Solutions. <i>Nephron</i> , <b>2019</b> , 143, 174-178	17.8	13
580	Postoperative Acute Kidney Injury in Young Adults With Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 107, 1416-1420	2.7	8
579	Reply to Swenson: Balanced Crystalloid versus Saline Solution in Critically Ill Patients: Is Chloride the Villain?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 398-399	10.2	
578	Perioperative Quality Initiative consensus statement on postoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 575-586	5.4	42
577	Modeling Acid-Base by Minimizing Charge-Balance. <i>ACS Omega</i> , <b>2019</b> , 4, 6521-6529	3.9	3



576	Carbon dioxide removal using low bicarbonate dialysis in rodents. <i>Perfusion (United Kingdom)</i> , <b>2019</b> , 34, 578-583	1.9	7
575	Remote Ischemic Preconditioning <b>2019</b> , 314-319.e2		
574	Iron, Hepcidin, and Death in Human AKI. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 493-504	12.7	28
573	Pathogen-Associated Molecular Patterns, Damage-Associated Molecular Patterns, and Their Receptors in Acute Kidney Injury <b>2019</b> , 121-127.e3		2
572	Adults with septic shock and extreme hyperferritinemia exhibit pathogenic immune variation. <i>Genes and Immunity</i> , <b>2019</b> , 20, 520-526	4.4	15
571	Persistent decrease of renal functional reserve in patients after cardiac surgery-associated acute kidney injury despite clinical recovery. <i>Nephrology Dialysis Transplantation</i> , <b>2019</b> , 34, 308-317	4.3	30
570	Long-term Host Immune Response Trajectories Among Hospitalized Patients With Sepsis. <i>JAMA Network Open</i> , <b>2019</b> , 2, e198686	10.4	55
569	Intravenous fluid resuscitation is associated with septic endothelial glycocalyx degradation. <i>Critical Care</i> , <b>2019</b> , 23, 259	10.8	67
568	Quality of care and safety measures of acute renal replacement therapy: Workgroup statements from the 22nd acute disease quality initiative (ADQI) consensus conference. <i>Journal of Critical Care</i> , <b>2019</b> , 54, 52-57	4	16
567	Serial Urinary Tissue Inhibitor of Metalloproteinase-2 and Insulin-Like Growth Factor-Binding Protein 7 and the Prognosis for Acute Kidney Injury over the Course of Critical Illness. <i>CardioRenal Medicine</i> , <b>2019</b> , 9, 358-369	2.8	9
566	Acute Kidney Injury in Cardiac Surgery <b>2019</b> , 250-254.e2		1
565	Bacteriophage-mediated identification of bacteria using photoacoustic flow cytometry. <i>Journal of Biomedical Optics</i> , <b>2019</b> , 24, 1-7	3.5	5
564	Respiratory and metabolic acidosis correction with the ADVanced Organ Support system. <i>Intensive Care Medicine Experimental</i> , <b>2019</b> , 7, 56	3.7	9
563	Nonpharmacologic Management of Acute Renal Injury <b>2019</b> , 302-307.e2		
562	Acute Kidney Disease <b>2019</b> , 128-132.e1		
561	The Concept of Renal Replacement Therapy Dose and Efficiency <b>2019</b> , 879-883.e1		
560	Management of donation after brain death (DBD) in the ICU: the potential donor is identified, what's next?. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 322-330	14.5	16
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