John A Kellum

List of Publications by Year
in descending order

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756	82,552	640 123	515 267
papers	citations	h-index	g-index

778	778	778	42267
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of C-C motif chemokine ligand 14 with other biomarkers for adverse kidney events after cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 199-207.e2.	0.4	16
2	Mitochondria ROS and mitophagy in acute kidney injury. Autophagy, 2023, 19, 401-414.	4.3	126
3	Endotoxemic Shock: A Molecular Phenotype in Sepsis. Nephron, 2023, 147, 17-20.	0.9	5
4	Effect of Cytokine Adsorption on Survival and Circulatory Stabilization in Patients Receiving Extracorporeal Cardiopulmonary Resuscitation. ASAIO Journal, 2022, 68, 64-72.	0.9	13
5	Endotoxin Adsorbent Therapy in Severe COVID-19 Pneumonia. Blood Purification, 2022, 51, 47-54.	0.9	13
6	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. Blood Purification, 2022, 51, 397-409.	0.9	20
7	Acute Kidney Injury in Extracorporeal Membrane Oxygenation Patients: National Analysis of Impact of Age. Blood Purification, 2022, 51, 567-576.	0.9	1
8	Evaluation and Treatment of Acute Oliguria. , 2022, , 251-258.		0
9	Acute kidney disease predicts chronic kidney disease in pediatric nonâ€kidney solid organ transplant patients. Pediatric Transplantation, 2022, 26, e14172.	0.5	8
10	COVID-19 and Acute Kidney Injury. Critical Care Clinics, 2022, 38, 473-489.	1.0	21
11	Kidney and Mortality Outcomes Associated with Ondansetron in Critically Ill Patients. Journal of Intensive Care Medicine, 2022, 37, 1403-1410.	1.3	6
12	Dapagliflozin in patients with COVID-19: mind the kidneys. Lancet Diabetes and Endocrinology,the, 2022, 10, 97-98.	5.5	1
13	Hemorrhagic Transformation Rates following Contrast Media Administration in Patients Hospitalized with Ischemic Stroke. American Journal of Neuroradiology, 2022, 43, 381-387.	1.2	2
14	Association of Metformin Use During Hospitalization and Mortality in Critically Ill Adults With Type 2 Diabetes Mellitus and Sepsis*. Critical Care Medicine, 2022, 50, 935-944.	0.4	9
15	Modeling oxidative injury response in human kidney organoids. Stem Cell Research and Therapy, 2022, 13, 76.	2.4	14
16	Association of early hyponatremia and the development of acute kidney injury in critically ill children. Pediatric Nephrology, 2022, 37, 2755-2763.	0.9	3
17	Sepsis with liver dysfunction and coagulopathy predicts an inflammatory pattern of macrophage activation. Intensive Care Medicine Experimental, 2022, 10, 6.	0.9	11
18	Uncommon Causes of Acute Kidney Injury. Critical Care Clinics, 2022, 38, 317-347.	1.0	1

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19	Subtypes and Mimics of Sepsis. Critical Care Clinics, 2022, 38, 195-211.	1.0	17
20	Consensus Obtained for the Nephrotoxic Potential of 167 Drugs in Adult Critically Ill Patients Using a Modified Delphi Method. Drug Safety, 2022, 45, 389-398.	1.4	20
21	Early versus delayed initiation of renal replacement therapy in cardiac-surgery associated acute kidney injury: an economic perspective. Journal of Critical Care, 2022, 69, 153977.	1.0	4
22	Incorrect application of the KDIGO acute kidney injury staging criteria. CKJ: Clinical Kidney Journal, 2022, 15, 937-941.	1.4	1
23	Photoacoustic discrimination of antibioticâ€resistant and sensitive Staphylococcus aureus isolates. Lasers in Surgery and Medicine, 2022, 54, 418-425.	1.1	2
24	Patient-Reported Experiences after Acute Kidney Injury across Multiple Health-Related Quality-of-Life Domains. Kidney360, 2022, 3, 426-434.	0.9	5
25	The Pathogenesis of Ischemia-Reperfusion Induced Acute Kidney Injury Depends on Renal Neutrophil Recruitment Whereas Sepsis-Induced AKI Does Not. Frontiers in Immunology, 2022, 13, 843782.	2.2	8
26	Acute Kidney Injury and the Field of Dreamsâ€”If We Predict It, Maybe Theyâ€™ll Come. JAMA Surgery, 2022, , .	2.2	0
27	The epidemiology and long-term outcomes ofÂacute kidney disease in a resource-limited setting. Journal of Nephrology, 2022, , 1.	0.9	1
28	Machine learning derivation of four computable 24-h pediatric sepsis phenotypes to facilitate enrollment in early personalized anti-inflammatory clinical trials. Critical Care, 2022, 26, 128.	2.5	18
29	Effects of preoperative high-oral protein loading on short- and long-term renal outcomes following cardiac surgery: a cohort study. Journal of Translational Medicine, 2022, 20, 204.	1.8	3
30	Utility of Biomarkers for Sepsis-Associated Acute Kidney Injury Staging. JAMA Network Open, 2022, 5, e2212709.	2.8	12
31	Remote ischemic preconditioning causes transient cell cycle arrest and renal protection by a NF-Î²Bâ€“dependent Sema5B pathway. JCI Insight, 2022, 7, .	2.3	6
32	Redefining critical illness. Nature Medicine, 2022, 28, 1141-1148.	15.2	136
33	Characterising acute kidney injury: The complementary roles of biomarkers of renal stress and renal function. Journal of Critical Care, 2022, 71, 154066.	1.0	5
34	Development and Validation of a Personalized Model With Transfer Learning for Acute Kidney Injury Risk Estimation Using Electronic Health Records. JAMA Network Open, 2022, 5, e2219776.	2.8	16
35	In-hospital mortality of critically Ill patients with interactions of acute kidney injury and acute respiratory failure in the resource-limited settings: Results from SEA-AKI study. Journal of Critical Care, 2022, 71, 154103.	1.0	0
36	Heterogeneity of Effect of Net Ultrafiltration Rate among Critically Ill Adults Receiving Continuous Renal Replacement Therapy. Blood Purification, 2021, 50, 336-346.	0.9	9

#	Article	IF	Citations
37	Early net ultrafiltration rate and mortality in critically ill patients receiving continuous renal replacement therapy. Nephrology Dialysis Transplantation, 2021, 36, 1112-1119.	0.4	27
38	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
39	Acute kidney disease and cirrhosis. Journal of Hepatology, 2021, 74, 500-501.	1.8	1
40	Ultrafiltration in critically ill patients treated with kidney replacement therapy. Nature Reviews Nephrology, 2021, 17, 262-276.	4.1	31
41	Rationale and design of the Kidney Precision Medicine Project. Kidney International, 2021, 99, 498-510.	2.6	94
42	Transforming the Medication Regimen Review Process Using Telemedicine to Prevent Adverse Events. Journal of the American Geriatrics Society, 2021, 69, 530-538.	1.3	12
43	Acute kidney injury in renal transplant recipients undergoing cardiac surgery. Nephrology Dialysis Transplantation, 2021, 36, 185-196.	0.4	7
44	The impact of acute kidney injury by serum creatinine or urine output criteria on major adverse kidney events in cardiac surgery patients. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 143-151.e7.	0.4	67
45	Use of Biomarkers to Identify Acute Kidney Injury to Help Detect Sepsis in Patients With Infection. Critical Care Medicine, 2021, 49, e360-e368.	0.4	11
46	Outcomes of endâ€stage renal disease patients in the PROCESS trial. Journal of the American College of Emergency Physicians Open, 2021, 2, e12358.	0.4	1
47	A systematic review of cost-effectiveness analyses across the acute kidney injury landscape. Expert Review of Pharmacoeconomics and Outcomes Research, 2021, 21, 571-578.	0.7	3
48	The authors reply. Critical Care Medicine, 2021, 49, e476-e477.	0.4	0
49	Galectin-3 in septic acute kidney injury: a translational study. Critical Care, 2021, 25, 109.	2.5	12
50	Conceptual advances and evolving terminology in acute kidney disease. Nature Reviews Nephrology, 2021, 17, 493-502.	4.1	40
51	Innovations and Emerging Therapies to Combat Renal Cell Damage: NAD⁺ As a Drug Target. Antioxidants and Redox Signaling, 2021, 35, 1449-1466.	2.5	7
52	Limiting Acute Kidney Injury Progression In Sepsis: Study Protocol and Trial Simulation*. Critical Care Medicine, 2021, 49, 1706-1716.	0.4	10
53	Biomarkers in Acute Kidney Injury. Critical Care Clinics, 2021, 37, 385-398.	1.0	18
54	Acute Kidney Injury in the Intensive Care Unit: Advances in the Identification, Classification, and Treatment of a Multifactorial Syndrome. Critical Care Clinics, 2021, 37, xiii-xv.	1.0	1

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55	Defining Acute Kidney Injury. Critical Care Clinics, 2021, 37, 251-266.	1.0	13
56	Development of a Theory-Informed Behavior Change Intervention to Reduce Inappropriate Prescribing of Nephrotoxins and Renally Eliminated Drugs. Annals of Pharmacotherapy, 2021, 55, 106002802110095.	0.9	2
57	Optimising the timing of renal replacement therapy in acute kidney injury. Critical Care, 2021, 25, 184.	2.5	3
58	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
59	Creating a High-Specificity Acute Kidney Injury Detection System for Clinical and Research Applications. American Journal of Kidney Diseases, 2021, 78, 764-766.	2.1	1
60	Prevention of Cardiac Surgeryâ€“Associated Acute Kidney Injury by Implementing the KDIGO Guidelines in High-Risk Patients Identified by Biomarkers: The PrevAKI-Multicenter Randomized Controlled Trial. Anesthesia and Analgesia, 2021, 133, 292-302.	1.1	115
61	Kidney injury moleculeâ€1 (KIMâ€1)â€mediated antiâ€inflammatory activity is preserved by Mucin 1 (MUC1) induction in the proximal tubule during ischemiaâ€reperfusion injury. FASEB Journal, 2021, 35, .	0.2	0
62	External validation of urinary Câ€“C motif chemokine ligand 14 (CCL14) for prediction of persistent acute kidney injury. Critical Care, 2021, 25, 185.	2.5	29
63	Continuous Renal Replacement Therapy: The Interaction between Fluid Balance and Net Ultrafiltration. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1199-1201.	2.5	11
64	Urinary EGF and MCP-1 and risk of CKD after cardiac surgery. JCI Insight, 2021, 6, .	2.3	16
65	Acute kidney injury. Nature Reviews Disease Primers, 2021, 7, 52.	18.1	509
66	Automated versus manual urine output monitoring in the intensive care unit. Scientific Reports, 2021, 11, 17429.	1.6	12
67	KIM-1-mediated anti-inflammatory activity is preserved by MUC1 induction in the proximal tubule during ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2021, 321, F135-F148.	1.3	8
68	Effect of Slower vs Faster Intravenous Fluid Bolus Rates on Mortality in Critically Ill Patients. JAMA - Journal of the American Medical Association, 2021, 326, 830.	3.8	35
69	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
70	Effect of ondansetron on reducing ICU mortality in patients with acute kidney injury. Scientific Reports, 2021, 11, 19409.	1.6	6
71	Effect of Intravenous Fluid Treatment With a Balanced Solution vs 0.9% Saline Solution on Mortality in Critically Ill Patients. JAMA - Journal of the American Medical Association, 2021, 326, 818.	3.8	102
72	A translational study of Galectin-3 as an early biomarker and potential therapeutic target for ischemic-reperfusion induced acute kidney injury. Journal of Critical Care, 2021, 65, 192-199.	1.0	3

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73	ICU-Based Renal Replacement Therapy. Critical Care Medicine, 2021, 49, 406-418.	0.4	9
74	Effects of 5% Albumin Plus Saline Versus Saline Alone on Outcomes From Large-Volume Resuscitation in Critically Ill Patients. Critical Care Medicine, 2021, 49, 79-90.	0.4	11
75	Association of Acute Kidney Injury With Subsequent Sepsis in Critically Ill Children. Pediatric Critical Care Medicine, 2021, 22, e58-e66.	0.2	8
76	Urinary ezrin and moesin as novel markers for recovery from acute kidney injury. Nephrology Dialysis Transplantation, 2021, 36, 938-941.	0.4	2
77	Outcomes of adults with congenital heart disease that experience acute kidney injury in the intensive care unit. Cardiology in the Young, 2021, 31, 274-278.	0.4	7
78	Letter in Reply to Gueret et al: Carbon Dioxide Removal: Low Bicarbonate or H+ (Clâ^') Addition?. ASAIO Journal, 2021, 67, e58-e58.	0.9	0
79	The epidemiology and characteristics of acute kidney injury in the Southeast Asia intensive care unit: a prospective multicentre study. Nephrology Dialysis Transplantation, 2020, 35, 1729-1738.	0.4	49
80	The Janus faces of bicarbonate therapy in the ICU: con. Intensive Care Medicine, 2020, 46, 519-521.	3.9	2
81	The End of the Bicarbonate Era? A Therapeutic Application of the Stewart Approach. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 757-758.	2.5	11
82	Salvaging remote ischaemic preconditioning as a therapy for perioperative acute kidney injury. British Journal of Anaesthesia, 2020, 124, 8-12.	1.5	3
83	The use of urinary biomarkers to predict acute kidney injury in children after liver transplant. Pediatric Transplantation, 2020, 24, e13608.	0.5	10
84	The Role of Biomarkers in Acute Kidney Injury. Critical Care Clinics, 2020, 36, 125-140.	1.0	74
85	Community Health Care Quality Standards to Prevent Acute Kidney Injury and Its Consequences. American Journal of Medicine, 2020, 133, 552-560.e3.	0.6	8
86	Net Ultrafiltration Prescription and Practice Among Critically Ill Patients Receiving Renal Replacement Therapy: A Multinational Survey of Critical Care Practitioners. Critical Care Medicine, 2020, 48, e87-e97.	0.4	36
87	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
88	Targeting acute kidney injury in COVID-19. Nephrology Dialysis Transplantation, 2020, 35, 1652-1662.	0.4	58
89	Quality of Care for Acute Kidney Disease: Current Knowledge Gaps and Future Directions. Kidney International Reports, 2020, 5, 1634-1642.	0.4	19
90	Contemporary Management of SevereÂAcute Kidney Injury and Refractory Cardiorenal Syndrome. Journal of the American College of Cardiology, 2020, 76, 1084-1101.	1.2	55

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91	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. JAMA - Journal of the American Medical Association, 2020, 324, 1629.	3.8	145
92	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
93	Recommendations on Acute Kidney Injury Biomarkers From the Acute Disease Quality Initiative Consensus Conference. JAMA Network Open, 2020, 3, e2019209.	2.8	335
94	Acute kidney injury and urinary biomarkers in hospitalized patients with coronavirus disease-2019. Nephrology Dialysis Transplantation, 2020, 35, 1271-1274.	0.4	40
95	Perioperative Renoprotection: General Mechanisms and Treatment Approaches. Anesthesia and Analgesia, 2020, 131, 1679-1692.	1.1	13
96	Cross-site transportability of an explainable artificial intelligence model for acute kidney injury prediction. Nature Communications, 2020, 11, 5668.	5.8	59
97	Csf2 Attenuated Sepsis-Induced Acute Kidney Injury by Promoting Alternative Macrophage Transition. Frontiers in Immunology, 2020, 11, 1415.	2.2	32
98	Changing relative risk of clinical factors for hospital-acquired acute kidney injury across age groups: a retrospective cohort study. BMC Nephrology, 2020, 21, 321.	0.8	6
99	Effects of Different Doses of Remote Ischemic Preconditioning on Kidney Damage Among Patients Undergoing Cardiac Surgery: A Single-Center Mechanistic Randomized Controlled Trial. Critical Care Medicine, 2020, 48, e690-e697.	0.4	7
100	The authors reply. Critical Care Medicine, 2020, 48, e1158-e1159.	0.4	0
101	Sepsis-associated acute kidney injury: is COVID-19 different?. Kidney International, 2020, 98, 1370-1372.	2.6	21
102	Mediators of the Impact of Hourly Net Ultrafiltration Rate on Mortality in Critically Ill Patients Receiving Continuous Renal Replacement Therapy. Critical Care Medicine, 2020, 48, e934-e942.	0.4	15
103	Validation of an Electronic Pediatric Index of Mortality 2 Score in a Mixed Quaternary PICU*. Pediatric Critical Care Medicine, 2020, 21, e572-e575.	0.2	5
104	Tissue Inhibitor of Metalloproteinases-2 Mediates Kidney Injury during Sepsis. Nephron, 2020, 144, 644-649.	0.9	2
105	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. BMJ Open, 2020, 10, e034201.	0.8	13
106	Reply by Cove and Kellum to Swenson. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 907-908.	2.5	0
107	Fluid removal associates with better outcomes in critically ill patients receiving continuous renal replacement therapy: a cohort study. Critical Care, 2020, 24, 279.	2.5	29
108	Sepsis-Associated Acute Kidney Disease. Kidney International Reports, 2020, 5, 839-850.	0.4	37

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109	Serial Measurement of Cell-Cycle Arrest Biomarkers [TIMP-2]â€‰Â·â€‰[IGFBP7] and Risk for Progression to Death, Dialysis, or Severe Acute Kidney Injury in Patients with Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1262-1270.	2.5	40
110	Acute cardiorenal syndrome in acute heart failure: focus on renal replacement therapy. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 802-811.	0.4	14
111	Quality of care after AKI development in the hospital: Consensus from the 22nd Acute Disease Quality Initiative (ADQI) conference. European Journal of Internal Medicine, 2020, 80, 45-53.	1.0	13
112	Respiratory Dialysisâ€”A Novel Low Bicarbonate Dialysate to Provide Extracorporeal Co 2 Removal. Critical Care Medicine, 2020, 48, e592-e598.	0.4	12
113	Sustained effects of a clinical decision support system for acute kidney injury. Nephrology Dialysis Transplantation, 2020, 35, 1819-1821.	0.4	6
114	The Angiopoietin-Tie2 Pathway in Critical Illness. Critical Care Clinics, 2020, 36, 201-216.	1.0	29
115	Time-dependent effects of histone deacetylase inhibition in sepsis-associated acute kidney injury. Intensive Care Medicine Experimental, 2020, 8, 9.	0.9	12
116	Use of tissue inhibitor of metalloproteinase 2 and insulin-like growth factor binding protein 7 [TIMP2]â€¢[IGFBP7] as an AKI risk screening tool to manage patients in the real-world setting. Journal of Critical Care, 2020, 57, 97-101.	1.0	15
117	Typical and Atypical Hemolytic Uremic Syndrome in the Critically Ill. Critical Care Clinics, 2020, 36, 333-356.	1.0	24
118	Identification and validation of biomarkers of persistent acute kidney injury: the RUBY study. Intensive Care Medicine, 2020, 46, 943-953.	3.9	120
119	Activation of AMPâ€activated protein kinase during sepsis/inflammation improves survival by preserving cellular metabolic fitness. FASEB Journal, 2020, 34, 7036-7057.	0.2	42
120	Controversies in acute kidney injury: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. Kidney International, 2020, 98, 294-309.	2.6	254
121	Impact of Consensus Papers versus Randomized Trials in Critical Care Nephrology. Blood Purification, 2020, 49, 708-712.	0.9	0
122	A Multinational Observational Study Exploring Adherence With the Kidney Disease: Improving Global Outcomes Recommendations for Prevention of Acute Kidney Injury After Cardiac Surgery. Anesthesia and Analgesia, 2020, 130, 910-916.	1.1	36
123	Advanced organ support (ADVOS) in the critically ill: first clinical experience in patients with multiple organ failure. Annals of Intensive Care, 2020, 10, 96.	2.2	13
124	Endotoxemia and circulating bacteriome in severe COVID-19 patients. Intensive Care Medicine Experimental, 2020, 8, 72.	0.9	62
125	Traditional and Novel Tools for Diagnosis of Acute Kidney Injury. , 2020, , 361-365.		1
126	Management of Acute Kidney Injury. , 2020, , 367-373.		0

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127	Pathogen-Associated Molecular Patterns, Damage-Associated Molecular Patterns, and Their Receptors in Acute Kidney Injury. , 2019, , 121-127.e3.		2
128	Adults with septic shock and extreme hyperferritinemia exhibit pathogenic immune variation. Genes and Immunity, 2019, 20, 520-526.	2.2	28
129	Persistent decrease of renal functional reserve in patients after cardiac surgery-associated acute kidney injury despite clinical recovery. Nephrology Dialysis Transplantation, 2019, 34, 308-317.	0.4	54
130	Long-term Host Immune Response Trajectories Among Hospitalized Patients With Sepsis. JAMA Network Open, 2019, 2, e198686.	2.8	96
131	Intravenous fluid resuscitation is associated with septic endothelial glycocalyx degradation. Critical Care, 2019, 23, 259.	2.5	121
132	Quality of care and safety measures of acute renal replacement therapy: Workgroup statements from the 22nd acute disease quality initiative (ADQI) consensus conference. Journal of Critical Care, 2019, 54, 52-57.	1.0	35
133	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. CardioRenal Medicine, 2019, 9, 358-369.	0.7	12
134	Acute Kidney Injury in Cardiac Surgery. , 2019, , 250-254.e2.		1
135	Artificial intelligence to predict AKI: is it a breakthrough?. Nature Reviews Nephrology, 2019, 15, 663-664.	4.1	21
136	Piperacillin/Tazobactam and Antibiotic-Associated Acute Kidney Injury in Critically Ill Children. Journal of the American Society of Nephrology: JASN, 2019, 30, 2243-2251.	3.0	28
137	Clinical use of [TIMP-2]â€¢[IGFBP7] biomarker testing to assess risk of acute kidney injury in critical care: guidance from an expert panel. Critical Care, 2019, 23, 225.	2.5	46
138	Evaluating Renal Stress Using Pharmacokinetic Urinary Biomarker Data in Critically Ill Patients Receiving Vancomycin and/or Piperacillinâ€“Tazobactam: A Secondary Analysis of the Multicenter Sapphire Study. Drug Safety, 2019, 42, 1149-1155.	1.4	30
139	Association of Net Ultrafiltration Rate With Mortality Among Critically Ill Adults With Acute Kidney Injury Receiving Continuous Venovenous Hemodiafiltration. JAMA Network Open, 2019, 2, e195418.	2.8	94
140	Acute kidney injury from sepsis: current concepts, epidemiology, pathophysiology, prevention and treatment. Kidney International, 2019, 96, 1083-1099.	2.6	649
141	Quality Improvement Goals for Acute Kidney Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 941-953.	2.2	152
142	Association between urinary dickkopf-3, acute kidney injury, and subsequent loss of kidney function in patients undergoing cardiac surgery: an observational cohort study. Lancet, The, 2019, 394, 488-496.	6.3	108
143	A Proof of Concept Study, Demonstrating Extracorporeal Carbon Dioxide Removal Using Hemodialysis with a Low Bicarbonate Dialysate. ASAIO Journal, 2019, 65, 605-613.	0.9	18
144	Redox (phospho)lipidomics of signaling in inflammation and programmed cell death. Journal of Leukocyte Biology, 2019, 106, 57-81.	1.5	33

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145	Derivation, Validation, and Potential Treatment Implications of Novel Clinical Phenotypes for Sepsis. JAMA - Journal of the American Medical Association, 2019, 321, 2003.	3.8	753
146	Acute Kidney Injury Related to Sepsisâ€"Reply. JAMA - Journal of the American Medical Association, 2019, 321, 1828.	3.8	1
147	Plasma Biomarkers in Predicting Renal Recovery from Acute Kidney Injury in Critically Ill Patients. Blood Purification, 2019, 48, 253-261.	0.9	8
148	Sepsis-Associated Acute Kidney Injury: A Problem Deserving of New Solutions. Nephron, 2019, 143, 174-178.	0.9	26
149	Postoperative Acute Kidney Injury in Young Adults With Congenital Heart Disease. Annals of Thoracic Surgery, 2019, 107, 1416-1420.	0.7	9
150	Reply to Swenson: Balanced Crystalloid versus Saline Solution in Critically Ill Patients: Is Chloride the Villain?. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 398-399.	2.5	0
151	Perioperative Quality Initiative consensus statement on postoperative blood pressure, risk and outcomes for elective surgery. British Journal of Anaesthesia, 2019, 122, 575-586.	1.5	68
152	Modeling Acidâ€"Base by Minimizing Charge-Balance. ACS Omega, 2019, 4, 6521-6529.	1.6	7
153	Carbon dioxide removal using low bicarbonate dialysis in rodents. Perfusion (United Kingdom), 2019, 34, 578-583.	0.5	8
154	Remote Ischemic Preconditioning. , 2019, , 314-319.e2.		0
155	Iron, Hepcidin, and Death in Human AKI. Journal of the American Society of Nephrology: JASN, 2019, 30, 493-504.	3.0	41
156	Management of donation after brain death (DBD) in the ICU: the potential donor is identified, what's next?. Intensive Care Medicine, 2019, 45, 322-330.	3.9	34
157	Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and outcomes for elective surgery. British Journal of Anaesthesia, 2019, 122, 563-574.	1.5	342
158	Perioperative Quality Initiative consensus statement on preoperative blood pressure, risk and outcomes for elective surgery. British Journal of Anaesthesia, 2019, 122, 552-562.	1.5	127
159	Perioperative Quality Initiative consensus statement on the physiology of arterial blood pressure control in perioperative medicine. British Journal of Anaesthesia, 2019, 122, 542-551.	1.5	66
160	A Multicenter Network Assessment of Three Inflammation Phenotypes in Pediatric Sepsis-Induced Multiple Organ Failure. Pediatric Critical Care Medicine, 2019, 20, 1137-1146.	0.2	57
161	Acute kidney injury. Lancet, The, 2019, 394, 1949-1964.	6.3	950
162	Use of Cell Cycle Arrest Biomarkers in Conjunction With Classical Markers of Acute Kidney Injury. Critical Care Medicine, 2019, 47, e820-e826.	0.4	46

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163	Baseline tubular biomarkers in young adults with congenital heart disease as compared to healthy young adults: Detecting subclinical kidney injury. Congenital Heart Disease, 2019, 14, 963-967.	0.0	5
164	Acute Kidney Injury in Critically Ill Patients After Noncardiac Major Surgery: Early Versus Late Onset. Critical Care Medicine, 2019, 47, e437-e444.	0.4	26
165	Acute Kidney Stress and Prevention of Acute Kidney Injury. Critical Care Medicine, 2019, 47, 993-996.	0.4	19
166	The Role of Biomarkers in the Diagnosis and Management of Acute Kidney Injury. , 2019, , 138-141.e1.		0
167	Downregulation of TIMP2 attenuates sepsis-induced AKI through the NF-Î°b pathway. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 558-569.	1.8	47
168	Kidney-Immune System Crosstalk in AKI. Seminars in Nephrology, 2019, 39, 96-106.	0.6	102
169	Balanced Crystalloid Solutions. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 952-960.	2.5	86
170	Renal Complications Following Lung Transplantation and Heart Transplantation. Critical Care Clinics, 2019, 35, 61-73.	1.0	27
171	Advocacy for broader inclusion to combat the global threat of acute kidney injury. Nephrology Dialysis Transplantation, 2019, 34, 1264-1265.	0.4	2
172	Sepsis-Induced Acute Kidney Injury. , 2019, , 524-533.e3.		5
173	Associations of Perioperative Renal Oximetry Via Near-Infrared Spectroscopy, Urinary Biomarkers, and Postoperative Acute Kidney Injury in Infants After Congenital Heart Surgery: Should Creatinine Continue to Be the Gold Standard?. Pediatric Critical Care Medicine, 2019, 20, 27-37.	0.2	24
174	Blood Purification for Sepsis. , 2019, , 548-552.e1.		0
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176	eResearch in acute kidney injury: a primer for electronic health record research. Nephrology Dialysis Transplantation, 2019, 34, 401-407.	0.4	16
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