

List of Publications by Year in descending order

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		81900	79698
131	5,817	39	73
papers	citations	h-index	g-index
132	132	132	7638
all docs	docs citations	times ranked	citing authors

#	Article	lF	CITATIONS
1	Animal models of sepsis and sepsis-induced kidney injury. Journal of Clinical Investigation, 2009, 119, 2868-2878.	8.2	450
2	Reduced Production of Creatinine Limits Its Use as Marker of Kidney Injury in Sepsis. Journal of the American Society of Nephrology: JASN, 2009, 20, 1217-1221.	6.1	342
3	Renal L-Type Fatty Acid–Binding Protein in Acute Ischemic Injury. Journal of the American Society of Nephrology: JASN, 2007, 18, 2894-2902.	6.1	313
4	Controversies in acute kidney injury: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. Kidney International, 2020, 98, 294-309.	5.2	254
5	Evaluation of new acute kidney injury biomarkers in a mixed intensive care unit*. Critical Care Medicine, 2011, 39, 2464-2469.	0.9	178
6	Impact of acute kidney injury on distant organ function: recent findings and potential therapeutic targets. Kidney International, 2016, 89, 555-564.	5.2	178
7	Clinical Use of the Urine Biomarker [TIMP-2]Â× [IGFBP7] forÂAcute Kidney Injury Risk Assessment. American Journal of Kidney Diseases, 2016, 68, 19-28.	1.9	172
8	Chloroquine and inhibition of Toll-like receptor 9 protect from sepsis-induced acute kidney injury. American Journal of Physiology - Renal Physiology, 2008, 294, F1050-F1058.	2.7	165
9	Apoptosis inhibitor of macrophage protein enhances intraluminal debris clearance and ameliorates acute kidney injury in mice. Nature Medicine, 2016, 22, 183-193.	30.7	161
10	Radical scavenger edaravone developed for clinical use ameliorates ischemia/reperfusion injury in rat kidney. Kidney International, 2004, 65, 1714-1723.	5.2	143
11	Urinary fatty acid-binding protein 1: an early predictive biomarker of kidney injury. American Journal of Physiology - Renal Physiology, 2009, 296, F669-F679.	2.7	136
12	Nafamostat mesylate treatment in combination with favipiravir for patients critically ill with Covid-19: a case series. Critical Care, 2020, 24, 392.	5.8	114
13	Differential Diagnosis of AKI in Clinical Practice by Functional and Damage Biomarkers: Workgroup Statements from the Tenth Acute Dialysis Quality Initiative Consensus Conference. Contributions To Nephrology, 2013, 182, 30-44.	1.1	110
14	Combination of Two Urinary Biomarkers Predicts Acute Kidney Injury After Adult Cardiac Surgery. Annals of Thoracic Surgery, 2012, 93, 577-583.	1.3	106
15	Pre-existing renal disease promotes sepsis-induced acute kidney injury and worsens outcome. Kidney International, 2008, 74, 1017-1025.	5.2	99
16	Regulation of Mitochondrial Dynamics by Dynamin-Related Protein-1 in Acute Cardiorenal Syndrome. Journal of the American Society of Nephrology: JASN, 2015, 26, 2378-2387.	6.1	98
17	Postoperative Polymyxin B Hemoperfusion and Mortality in Patients With Abdominal Septic Shock. Critical Care Medicine, 2014, 42, 1187-1193.	0.9	97
18	Urinary L-type fatty acid-binding protein as a new biomarker of sepsis complicated with acute kidney injury*. Critical Care Medicine, 2010, 38, 2037-2042.	0.9	92

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19	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (J-SSCG) Tj ETQq1	1 0.784314 2.9	rgBT /Overlo
20	Performance of Urinary Liver-Type Fatty Acid–Binding Protein in Acute Kidney Injury: A Meta-analysis. American Journal of Kidney Diseases, 2013, 61, 430-439.	1.9	91
21	Urinary L-Type Fatty Acid-Binding Protein Can Reflect Renal Tubulointerstitial Injury. American Journal of Pathology, 2009, 174, 1203-1211.	3.8	83
22	Common variation in GPC5 is associated with acquired nephrotic syndrome. Nature Genetics, 2011, 43, 459-463.	21.4	82
23	Mild elevation of urinary biomarkers in prerenal acute kidney injury. Kidney International, 2012, 82, 1114-1120.	5.2	82
24	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.	1.9	80
25	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (J-SSCG 2016). Journal of Intensive Care, 2018, 6, 7.	2.9	74
26	Attenuation of Folic Acid-Induced Renal Inflammatory Injury in Platelet-Activating Factor Receptor-Deficient Mice. American Journal of Pathology, 2006, 168, 1413-1424.	3.8	71
27	Neutrophil Elastase Contributes to Acute Lung Injury Induced by Bilateral Nephrectomy. American Journal of Pathology, 2010, 177, 1665-1673.	3.8	70
28	Lung injury following acute kidney injury: kidney–lung crosstalk. Clinical and Experimental Nephrology, 2011, 15, 464-470.	1.6	70
29	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.	8.2	70
30	Interstitial renal fibrosis due to multiple cisplatinÂtreatments is ameliorated by semicarbazide-sensitive amine oxidase inhibition. Kidney International, 2016, 89, 374-385.	5.2	63
31	The high-mobility group protein B1–Toll-like receptor 4 pathway contributes to the acute lung injury induced by bilateral nephrectomy. Kidney International, 2014, 86, 316-326.	5.2	58
32	siRNA delivery targeting to the lung via agglutination-induced accumulation and clearance of cationic tetraamino fullerene. Scientific Reports, 2014, 4, 4916.	3.3	56
33	Role of Vascular Endothelial Growth Factor in Kidney Disease. Current Vascular Pharmacology, 2010, 8, 122-128.	1.7	52
34	Functional Polymorphisms in the Vascular Endothelial Growth Factor Gene Are Associated with Development of End-Stage Renal Disease in Males. Journal of the American Society of Nephrology: JASN, 2006, 17, 823-830.	6.1	47
35	Current state of continuous renal replacement therapy for acute kidney injury in Japanese intensive care units in 2011: analysis of a national administrative database. Nephrology Dialysis Transplantation, 2015, 30, 988-995.	0.7	44
36	Potential Survival Benefit of Polymyxin B Hemoperfusion in Septic Shock Patients on Continuous Renal Replacement Therapy: A Propensity-Matched Analysis. Blood Purification, 2016, 42, 9-17.	1.8	44

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37	Effect of prehospital advanced airway management for pediatric out-of-hospital cardiac arrest. Resuscitation, 2017, 114, 66-72.	3.0	44
38	Evaluation of urinary tissue inhibitor of metalloproteinase-2 in acute kidney injury: a prospective observational study. Critical Care, 2014, 18, 716.	5.8	42
39	Predictors of favorable and poor prognosis in unwitnessed out-of-hospital cardiac arrest with a non-shockable initial rhythm. International Journal of Cardiology, 2014, 176, 910-915.	1.7	40
40	The Japanese clinical practice guideline for acute kidney injury 2016. Clinical and Experimental Nephrology, 2018, 22, 985-1045.	1.6	40
41	Reduction of Tubular Flow Rate as a Mechanism of Oliguria in the Early Phase of Endotoxemia Revealed by Intravital Imaging. Journal of the American Society of Nephrology: JASN, 2015, 26, 3035-3044.	6.1	38
42	A Water-Soluble Fullerene Vesicle Alleviates Angiotensin II-Induced Oxidative Stress in Human Umbilical Venous Endothelial Cells. Hypertension Research, 2008, 31, 141-151.	2.7	37
43	New biomarker panel of plasma neutrophil gelatinase–associated lipocalin and endotoxin activity assay for detecting sepsis in acute kidney injury. Journal of Critical Care, 2013, 28, 564-570.	2.2	37
44	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (J‧SCG 2020). Acute Medicine & Surgery, 2021, 8, e659.	1.2	37
45	Response to different furosemide doses predicts AKI progression in ICU patients with elevated plasma NGAL levels. Annals of Intensive Care, 2018, 8, 8.	4.6	36
46	Urinary L-type fatty acid-binding protein as a new renal biomarker in critical care. Current Opinion in Critical Care, 2010, 16, 545-549.	3.2	35
47	The Japanese Clinical Practice Guideline for acute kidney injury 2016. Journal of Intensive Care, 2018, 6, 48.	2.9	35
48	Recombinant Thrombomodulin on Neutrophil Extracellular Traps in Murine Intestinal Ischemia–Reperfusion. Anesthesiology, 2019, 131, 866-882.	2.5	33
49	Plasma neutrophil gelatinase-associated lipocalin in acute kidney injury superimposed on chronic kidney disease after cardiac surgery: a multicenter prospective study. Critical Care, 2013, 17, R270.	5.8	32
50	Optimal Role of the Nephrologist in the Intensive Care Unit. Blood Purification, 2017, 43, 68-77.	1.8	31
51	Guideline on the use of iodinated contrast media in patients with kidney disease 2018. Clinical and Experimental Nephrology, 2020, 24, 1-44.	1.6	31
52	High-throughput screening identified disease-causing mutants and functional variants of α-galactosidase A gene in Japanese male hemodialysis patients. Journal of Human Genetics, 2012, 57, 575-579.	2.3	29
53	High-throughput single nucleotide polymorphism typing by fluorescent single-strand conformation polymorphism analysis with capillary electrophoresis. Electrophoresis, 2004, 25, 833-838.	2.4	28
54	Associations of Polyethylenimine-Coated AN69ST Membrane in Continuous Renal Replacement Therapy with the Intensive Care Outcomes: Observations from a Claims Database from Japan. Blood Purification, 2017, 44, 184-192.	1.8	28

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55	Applicability of the prehospital termination of resuscitation rule in an area dense with hospitals in Tokyo: a single-center, retrospective, observational study. American Journal of Emergency Medicine, 2014, 32, 144-149.	1.6	27
56	Application of cerebral oxygen saturation to prediction of the futility of resuscitation for out-of-hospital cardiopulmonary arrest patients: a single-center, prospective, observational study. American Journal of Emergency Medicine, 2014, 32, 747-751.	1.6	27
57	Organ System Network Disruption in Nonsurvivors of Critically III Patients. Critical Care Medicine, 2016, 44, 83-90.	0.9	26
58	Low-dose atrial natriuretic peptide for prevention or treatment of acute kidney injury: a systematic review andÂmeta-analysis. Critical Care, 2019, 23, 41.	5.8	25
59	A 5-hydroxytryptamine receptor antagonist, sarpogrelate, reduces renal tubulointerstitial fibrosis by suppressing PAI-1. American Journal of Physiology - Renal Physiology, 2013, 305, F1796-F1803.	2.7	24
60	Diagnosis, management, and prognosis of patients with acute kidney injury in Japanese intensive care units: The JAKID study. Journal of Critical Care, 2018, 47, 185-191.	2.2	24
61	Recombinant thrombomodulin prevents acute lung injury induced by renal ischemia-reperfusion injury. Scientific Reports, 2020, 10, 289.	3.3	24
62	Impact of seasonal temperature environment on the neurologic prognosis of out-of-hospital cardiac arrest: A nationwide, population-based cohort study. Journal of Critical Care, 2014, 29, 840-847.	2.2	23
63	Impact of clinical context on acute kidney injury biomarker performances: differences between neutrophil gelatinase-associated lipocalin and L-type fatty acid-binding protein. Scientific Reports, 2016, 6, 33077.	3.3	23
64	Temporal change in characteristics and outcomes of acute kidney injury on renal replacement therapy in intensive care units: analysis of a nationwide administrative database in Japan, 2007–2016. Critical Care, 2019, 23, 172.	5.8	23
65	Choice of renal replacement therapy modality in intensive care units: Data from a Japanese Nationwide Administrative Claim Database. Journal of Critical Care, 2015, 30, 381-385.	2.2	21
66	Differences in characteristics and outcomes between community- and hospital-acquired acute kidney injury: A systematic review and meta-analysis. Clinical Nephrology, 2017, 88, 167-182.	0.7	21
67	Haplotype analysis of NAD(P)H oxidase p22 phox polymorphisms in end-stage renal disease. Journal of Human Genetics, 2005, 50, 641-647.	2.3	20
68	Kinetic estimated glomerular filtration rate as a predictor of successful continuous renal replacement therapy discontinuation. Nephrology, 2019, 24, 287-293.	1.6	20
69	Repulsive guidance cue semaphorin 3A in urine predicts the progression of acute kidney injury in adult patients from a mixed intensive care unit. Nephrology Dialysis Transplantation, 2014, 29, 73-80.	0.7	19
70	3-Hydroxy-3-methylglutaryl-coenzyme A reductase inhibitor simvastatin ameliorates renal fibrosis through HOXA13–USAG-1 pathway. Laboratory Investigation, 2012, 92, 1161-1170.	3.7	18
71	Glypican-5 Increases Susceptibility to Nephrotic Damage in Diabetic Kidney. American Journal of Pathology, 2015, 185, 1889-1898.	3.8	18
72	Association of initial rhythm with neurologically favorable survival in non-shockable out-of-hospital cardiac arrest without a bystander witness or bystander cardiopulmonary resuscitation. European Journal of Internal Medicine, 2016, 30, 61-67.	2.2	17

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73	Impact of end-stage renal disease on hospital outcomes among patients admitted to intensive care units: A retrospective matched-pair cohort study. Nephrology, 2017, 22, 617-623.	1.6	17
74	Association of Heart Rate with N-Terminal Pro-B-Type Natriuretic Peptide in Septic Patients. Shock, 2016, 46, 642-648.	2.1	17
75	Ratio of urine and blood urea nitrogen concentration predicts the response of tolvaptan in congestive heart failure. Nephrology, 2015, 20, 405-412.	1.6	15
76	Serum neutrophil gelatinase-associated lipocalin concentration reflects severity of coronary artery disease in patients without heart failure and chronic kidney disease. Heart and Vessels, 2016, 31, 1595-1602.	1.2	15
77	Perioperative Plasma Neutrophil Gelatinase-Associated Lipocalin Measurement in Patients Who Undergo Left Ventricular Assist Device Implantation Surgery. Circulation Journal, 2014, 78, 1891-1899.	1.6	14
78	Association between intravenous contrast media exposure and non-recovery from dialysis-requiring septic acute kidney injury: a nationwide observational study. Intensive Care Medicine, 2019, 45, 1570-1579.	8.2	14
79	Functional Polymorphism of the Myeloperoxidase Gene in Hypertensive Nephrosclerosis Dialysis Patients. Hypertension Research, 2007, 30, 1193-1198.	2.7	13
80	Effective Pre-hospital Care for Out-of-hospital Cardiac Arrest Caused by Respiratory Disease. Heart Lung and Circulation, 2015, 24, 241-249.	0.4	13
81	Mitochondrial Dysfunction in Cardiorenal Syndrome. Antioxidants and Redox Signaling, 2016, 25, 200-207.	5.4	13
82	Erythropoietin concentration in acute kidney injury is associated with insulinâ€like growth factorâ€binding proteinâ€1. Nephrology, 2016, 21, 693-699.	1.6	12
83	Urinary Neutrophil Gelatinase-Associated Lipocalin in Critically III Patients With Coronavirus Disease 2019. , 2020, 2, e0181.		12
84	Association of Urinary Neutrophil Gelatinase-Associated Lipocalin With Long-Term Renal Outcomes in ICU Survivors. Shock, 2016, 46, 44-51.	2.1	11
85	Plasma neutrophil gelatinase-associated lipocalin predicts major adverse cardiovascular events after cardiac care unit discharge. Journal of Cardiology, 2016, 67, 184-191.	1.9	11
86	SHROOM3, the gene associated with chronic kidney disease, affects the podocyte structure. Scientific Reports, 2020, 10, 21103.	3.3	11
87	Kidney-Heart Interactions in Acute Kidney Injury. Nephron, 2016, 134, 141-144.	1.8	9
88	Guideline on the use of iodinated contrast media in patients with kidney disease 2018. Japanese Journal of Radiology, 2020, 38, 3-46.	2.4	9
89	Role of leukotriene B4 in accelerated hyperlipidaemic renal injury. Nephrology, 2011, 16, 304-309.	1.6	8
90	Switching therapy from intravenous beta blocker to bisoprolol transdermal patch for atrial fibrillation tachycardia. Journal of Anesthesia, 2016, 30, 891-894.	1.7	8

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91	Genome Study of Kidney Disease in the Age of Post Genome-Sequencing. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2008, 8, 173-183.	1.2	7
92	Impact of Continuous Renal Replacement Therapy Intensity on Septic Acute Kidney Injury. Shock, 2016, 45, 133-138.	2.1	7
93	Acute Kidney Injury Induces Innate Immune Response and Neutrophil Activation in the Lung. Frontiers in Medicine, 2020, 7, 565010.	2.6	7
94	Organ system network analysis and biological stability in critically ill patients. Critical Care, 2019, 23, 83.	5.8	6
95	Modification of sequential organ failure assessment score using acute kidney injury classification. Journal of Critical Care, 2019, 51, 198-203.	2.2	6
96	Does a slight change in serum creatinine matter in coronavirus disease 2019 (COVID-19) patients?. Kidney Research and Clinical Practice, 2021, 40, 177-179.	2.2	6
97	Recommendations from the EXTRIP workgroup on extracorporeal treatment for baclofen poisoning. Kidney International, 2021, 100, 720-736.	5.2	6
98	Non-association of VEGF genetic polymorphisms in promoter – 5′ UTR with end-stage renal disease. Nephrology Dialysis Transplantation, 2006, 21, 1124-1125.	0.7	5
99	Mortality prediction by acute kidney injury biomarkers in comparison with serum creatinine. Biomarkers, 2014, 19, 646-651.	1.9	5
100	Inverse Correlation Between Incidence and Mortality of Acute Kidney Injury in Critically Ill Patients: A Systematic Review. Shock, 2020, 54, 280-284.	2.1	5
101	Acute Kidney Injury in Sepsis: Evidence From Asia. Seminars in Nephrology, 2020, 40, 489-497.	1.6	5
102	Changes in carbon dioxide production and oxygen uptake evaluated using indirect calorimetry in mechanically ventilated patients with sepsis. Critical Care, 2021, 25, 416.	5.8	5
103	Early or delayed initiation of renal replacement therapy for critically ill patients—do we know the right time?. Journal of Thoracic Disease, 2016, 8, E1006-E1009.	1.4	4
104	The Longitudinal Study of Liver Cysts inÂPatients With Autosomal Dominant Polycystic Kidney Disease and Polycystic Liver Disease. Kidney International Reports, 2017, 2, 60-65.	0.8	4
105	Modest Impact of Serial Measurements of Acute Kidney Injury Biomarkers in an Adult Intensive Care Unit. Nephron, 2018, 139, 243-253.	1.8	4
106	Damage-associated molecular patterns in intensive care unit patients with acute liver injuries. Medicine (United States), 2018, 97, e12780.	1.0	4
107	Human atrial natriuretic peptide for acute kidney injury in adult critically ill patients: A multicenter prospective observational study. Journal of Critical Care, 2019, 51, 229-235.	2.2	4
108	Expanded Indication for Recombinant Tissue Plasminogen Activator from 3 to 4.5 h after Onset of Stroke in Japan. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105341.	1.6	4

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109	Preexisting heart failure with reduced ejection fraction attenuates renal fibrosis after ischemia reperfusion via sympathetic activation. Scientific Reports, 2021, 11, 15091.	3.3	4
110	Endogenous Erythropoietin and Hepatic Dysfunction in Acute Kidney Injury Requiring Renal Replacement Therapy. Nephron, 2019, 142, 10-16.	1.8	3
111	Different Biomarker Kinetics in Critically III Patients with High Lactate Levels. Diagnostics, 2020, 10, 454.	2.6	3
112	RRT Selection for AKI Patients With Critical Illness. Seminars in Nephrology, 2020, 40, 498-505.	1.6	3
113	The need for disruptive innovation in acute kidney injury. Clinical and Experimental Nephrology, 2020, 24, 979-988.	1.6	3
114	Estimated glomerular filtration rate may be an independent predictor for clinical outcomes regardless of acute kidney injury complication in the emergency department. PLoS ONE, 2021, 16, e0258665.	2.5	3
115	How to sharpen a novel sword from AKI basic research. Kidney International, 2019, 95, 19-20.	5.2	2
116	Urinary chloride concentration as a prognostic marker in critically ill patients. Nephrology, 2020, 25, 384-389.	1.6	2
117	Pulse oximetry-based capillary refilling evaluation predicts postoperative outcomes in liver transplantation: a prospective observational cohort study. BMC Anesthesiology, 2020, 20, 251.	1.8	2
118	Correlation between the Incidence and Attributable Mortality Fraction of Acute Kidney Injury: A Systematic Review. Blood Purification, 2020, 49, 386-393.	1.8	2
119	Development of systemic lupus erythematosus in an elderly male hemodialysis patient with pleuritis. CEN Case Reports, 2013, 2, 46-48.	0.9	1
120	Late postpartum HELLP syndrome over 10 days after delivery. American Journal of Emergency Medicine, 2016, 34, 2258.e1-2258.e3.	1.6	1
121	Plasma xanthine oxidoreductase is associated with carotid atherosclerosis in stable kidney transplant recipients. Nephrology, 2021, , .	1.6	1
122	Successfully Treated "Accelerated" Renovascular Hypertension with Intravascular Stenting Hypertension Research, 2002, 25, 945-948.	2.7	1
123	Reply. Annals of Thoracic Surgery, 2013, 96, 1127.	1.3	0
124	Evaluation of endotoxin activity assay in acute kidney injury and continuous renal replacement therapy. Journal of the Japanese Society of Intensive Care Medicine, 2013, 20, 235-242.	0.0	0
125	Pseudoâ€elevation of conduction system pacing threshold through parallel connection of an intracardiac electrogram recording system. Journal of Cardiovascular Electrophysiology, 2021, 32, 2329-2332.	1.7	0
126	Evaluation of Autonomous Actions on Bystander-Initiated Cardiopulmonary Resuscitation and Public Access Defibrillation in Tokyo. International Heart Journal, 2021, 62, 879-884.	1.0	0

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127	V. Recent Basic and Clinical Findings on Kidney-lung Crosstalk. The Journal of the Japanese Society of Internal Medicine, 2017, 106, 942-946.	0.0	0
128	18. Emerging Diagnostics and Therapeutics in Acute Kidney Injury. The Journal of the Japanese Society of Internal Medicine, 2018, 107, 1944-1949.	0.0	0
129	Update of acute kidney injury. The Journal of the Japanese Society of Internal Medicine, 2019, 108, 1212-1218.	0.0	0
130	Medicine, 2020, 109, 451-454.	0.0	0
131	ll. Diagnosis and Therapeutics in Acute Kidney Injury. The Journal of the Japanese Society of Internal Medicine, 2021, 110, 905-911.	0.0	0