Kent Doi

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (Jâ€SSCG 2020). Acute Medicine & Surgery, 2021, 8, e659.	1.2	37
2	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
3	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
4	Preexisting heart failure with reduced ejection fraction attenuates renal fibrosis after ischemia reperfusion via sympathetic activation. Scientific Reports, 2021, 11, 15091.	3.3	4
5	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
6	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (J-SSCG) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	92
7	Recommendations from the EXTRIP workgroup on extracorporeal treatment for baclofen poisoning. Kidney International, 2021, 100, 720-736.	5.2	6
8	Plasma xanthine oxidoreductase is associated with carotid atherosclerosis in stable kidney transplant recipients. Nephrology, 2021, , .	1.6	1
9	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
10	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
11	II. Diagnosis and Therapeutics in Acute Kidney Injury. The Journal of the Japanese Society of Internal Medicine, 2021, 110, 905-911.	0.0	0
12	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
13	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
14	Urinary chloride concentration as a prognostic marker in critically ill patients. Nephrology, 2020, 25, 384-389.	1.6	2
15	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
16	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
17	SHROOM3, the gene associated with chronic kidney disease, affects the podocyte structure. Scientific Reports, 2020, 10, 21103.	3.3	11
18	Different Biomarker Kinetics in Critically Ill Patients with High Lactate Levels. Diagnostics, 2020, 10, 454.	2.6	3

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19	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
20	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
21	Urinary Neutrophil Gelatinase-Associated Lipocalin in Critically Ill Patients With Coronavirus Disease 2019. , 2020, 2, e0181.		12
22	Acute Kidney Injury Induces Innate Immune Response and Neutrophil Activation in the Lung. Frontiers in Medicine, 2020, 7, 565010.	2.6	7
23	Acute Kidney Injury in Sepsis: Evidence From Asia. Seminars in Nephrology, 2020, 40, 489-497.	1.6	5
24	RRT Selection for AKI Patients With Critical Illness. Seminars in Nephrology, 2020, 40, 498-505.	1.6	3
25	The need for disruptive innovation in acute kidney injury. Clinical and Experimental Nephrology, 2020, 24, 979-988.	1.6	3
26	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
27	Recombinant thrombomodulin prevents acute lung injury induced by renal ischemia-reperfusion injury. Scientific Reports, 2020, 10, 289.	3.3	24
28	Correlation between the Incidence and Attributable Mortality Fraction of Acute Kidney Injury: A Systematic Review. Blood Purification, 2020, 49, 386-393.	1.8	2
29	Controversies in acute kidney injury: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. Kidney International, 2020, 98, 294-309.	5.2	254
30	Medicine, 2020, 109, 451-454.	0.0	0
31	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
32	Endogenous Erythropoietin and Hepatic Dysfunction in Acute Kidney Injury Requiring Renal Replacement Therapy. Nephron, 2019, 142, 10-16.	1.8	3
33	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, 2007â€“2016. Critical Care, 2019, 23, 172.	5.8	23
34	Organ system network analysis and biological stability in critically ill patients. Critical Care, 2019, 23, 83.	5.8	6
35	Modification of sequential organ failure assessment score using acute kidney injury classification. Journal of Critical Care, 2019, 51, 198-203.	2.2	6
36	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

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37	Recombinant Thrombomodulin on Neutrophil Extracellular Traps in Murine Intestinal Ischemiaâ€“Reperfusion. Anesthesiology, 2019, 131, 866-882.	2.5	33
38	How to sharpen a novel sword from AKI basic research. Kidney International, 2019, 95, 19-20.	5.2	2
39	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
40	Kinetic estimated glomerular filtration rate as a predictor of successful continuous renal replacement therapy discontinuation. Nephrology, 2019, 24, 287-293.	1.6	20
41	Update of acute kidney injury. The Journal of the Japanese Society of Internal Medicine, 2019, 108, 1212-1218.	0.0	0
42	Modest Impact of Serial Measurements of Acute Kidney Injury Biomarkers in an Adult Intensive Care Unit. Nephron, 2018, 139, 243-253.	1.8	4
43	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
44	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
45	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
46	Damage-associated molecular patterns in intensive care unit patients with acute liver injuries. Medicine (United States), 2018, 97, e12780.	1.0	4
47	The Japanese clinical practice guideline for acute kidney injury 2016. Clinical and Experimental Nephrology, 2018, 22, 985-1045.	1.6	40
48	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
49	The Japanese Clinical Practice Guideline for acute kidney injury 2016. Journal of Intensive Care, 2018, 6, 48.	2.9	35
50	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
51	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
52	Effect of prehospital advanced airway management for pediatric out-of-hospital cardiac arrest. Resuscitation, 2017, 114, 66-72.	3.0	44
53	Optimal Role of the Nephrologist in the Intensive Care Unit. Blood Purification, 2017, 43, 68-77.	1.8	31
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	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
56	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
57	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
58	Early or delayed initiation of renal replacement therapy for critically ill patientsâ€"do we know the right time?. Journal of Thoracic Disease, 2016, 8, E1006-E1009.	1.4	4
59	Impact of Continuous Renal Replacement Therapy Intensity on Septic Acute Kidney Injury. Shock, 2016, 45, 133-138.	2.1	7
60	Organ System Network Disruption in Nonsurvivors of Critically Ill Patients. Critical Care Medicine, 2016, 44, 83-90.	0.9	26
61	Erythropoietin concentration in acute kidney injury is associated with insulinâ€like growth factorâ€binding proteinâ€1. Nephrology, 2016, 21, 693-699.	1.6	12
62	Mitochondrial Dysfunction in Cardiorenal Syndrome. Antioxidants and Redox Signaling, 2016, 25, 200-207.	5.4	13
63	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
64	Switching therapy from intravenous beta blocker to bisoprolol transdermal patch for atrial fibrillation tachycardia. Journal of Anesthesia, 2016, 30, 891-894.	1.7	8
65	Kidney-Heart Interactions in Acute Kidney Injury. Nephron, 2016, 134, 141-144.	1.8	9
66	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
67	Association of Urinary Neutrophil Gelatinase-Associated Lipocalin With Long-Term Renal Outcomes in ICU Survivors. Shock, 2016, 46, 44-51.	2.1	11
68	Late postpartum HELLP syndrome over 10 days after delivery. American Journal of Emergency Medicine, 2016, 34, 2258.e1-2258.e3.	1.6	1
69	Impact of acute kidney injury on distant organ function: recent findings and potential therapeutic targets. Kidney International, 2016, 89, 555-564.	5.2	178
70	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
71	Clinical Use of the Urine Biomarker [TIMP-2]ÂÃ— [IGFBP7] forÂAcute Kidney Injury Risk Assessment. American Journal of Kidney Diseases, 2016, 68, 19-28.	1.9	172
72	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

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73	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
74	Interstitial renal fibrosis due to multiple cisplatinÂtreatments is ameliorated by semicarbazide-sensitive amine oxidase inhibition. Kidney International, 2016, 89, 374-385.	5.2	63
75	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
76	Association of Heart Rate with N-Terminal Pro-B-Type Natriuretic Peptide in Septic Patients. Shock, 2016, 46, 642-648.	2.1	17
77	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
78	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
79	Glypican-5 Increases Susceptibility to Nephrotic Damage in Diabetic Kidney. American Journal of Pathology, 2015, 185, 1889-1898.	3.8	18
80	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
81	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
82	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
83	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
84	Evaluation of urinary tissue inhibitor of metalloproteinase-2 in acute kidney injury: a prospective observational study. Critical Care, 2014, 18, 716.	5.8	42
85	The high-mobility group protein B1â€“Toll-like receptor 4 pathway contributes to the acute lung injury induced by bilateral nephrectomy. Kidney International, 2014, 86, 316-326.	5.2	58
86	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
87	Postoperative Polymyxin B Hemoperfusion and Mortality in Patients With Abdominal Septic Shock. Critical Care Medicine, 2014, 42, 1187-1193.	0.9	97
88	Mortality prediction by acute kidney injury biomarkers in comparison with serum creatinine. Biomarkers, 2014, 19, 646-651.	1.9	5
89	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
90	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

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91	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
92	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
93	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
94	siRNA delivery targeting to the lung via agglutination-induced accumulation and clearance of cationic tetraamino fullerene. Scientific Reports, 2014, 4, 4916.	3.3	56
95	Development of systemic lupus erythematosus in an elderly male hemodialysis patient with pleuritis. CEN Case Reports, 2013, 2, 46-48.	0.9	1
96	New biomarker panel of plasma neutrophil gelatinaseâ€“associated lipocalin and endotoxin activity assay for detecting sepsis in acute kidney injury. Journal of Critical Care, 2013, 28, 564-570.	2.2	37
97	Reply. Annals of Thoracic Surgery, 2013, 96, 1127.	1.3	0
98	Performance of Urinary Liver-Type Fatty Acidâ€“Binding Protein in Acute Kidney Injury: A Meta-analysis. American Journal of Kidney Diseases, 2013, 61, 430-439.	1.9	91
99	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
100	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
101	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
102	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
103	3-Hydroxy-3-methylglutaryl-coenzyme A reductase inhibitor simvastatin ameliorates renal fibrosis through HOXA13â€“USAG-1 pathway. Laboratory Investigation, 2012, 92, 1161-1170.	3.7	18
104	High-throughput screening identified disease-causing mutants and functional variants of Î±-galactosidase A gene in Japanese male hemodialysis patients. Journal of Human Genetics, 2012, 57, 575-579.	2.3	29
105	Mild elevation of urinary biomarkers in prerenal acute kidney injury. Kidney International, 2012, 82, 1114-1120.	5.2	82
106	Combination of Two Urinary Biomarkers Predicts Acute Kidney Injury After Adult Cardiac Surgery. Annals of Thoracic Surgery, 2012, 93, 577-583.	1.3	106
107	Evaluation of new acute kidney injury biomarkers in a mixed intensive care unit*. Critical Care Medicine, 2011, 39, 2464-2469.	0.9	178
108	Role of leukotriene B4 in accelerated hyperlipidaemic renal injury. Nephrology, 2011, 16, 304-309.	1.6	8

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109	Common variation in GPC5 is associated with acquired nephrotic syndrome. Nature Genetics, 2011, 43, 459-463.	21.4	82
110	Lung injury following acute kidney injury: kidneyâ€“lung crosstalk. Clinical and Experimental Nephrology, 2011, 15, 464-470.	1.6	70
111	Role of Vascular Endothelial Growth Factor in Kidney Disease. Current Vascular Pharmacology, 2010, 8, 122-128.	1.7	52
112	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
113	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
114	Neutrophil Elastase Contributes to Acute Lung Injury Induced by Bilateral Nephrectomy. American Journal of Pathology, 2010, 177, 1665-1673.	3.8	70
115	Animal models of sepsis and sepsis-induced kidney injury. Journal of Clinical Investigation, 2009, 119, 2868-2878.	8.2	450
116	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
117	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
118	Urinary L-Type Fatty Acid-Binding Protein Can Reflect Renal Tubulointerstitial Injury. American Journal of Pathology, 2009, 174, 1203-1211.	3.8	83
119	Pre-existing renal disease promotes sepsis-induced acute kidney injury and worsens outcome. Kidney International, 2008, 74, 1017-1025.	5.2	99
120	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
121	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
122	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
123	Functional Polymorphism of the Myeloperoxidase Gene in Hypertensive Nephrosclerosis Dialysis Patients. Hypertension Research, 2007, 30, 1193-1198.	2.7	13
124	Renal L-Type Fatty Acidâ€“Binding Protein in Acute Ischemic Injury. Journal of the American Society of Nephrology: JASN, 2007, 18, 2894-2902.	6.1	313
125	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
126	Non-association of VEGF genetic polymorphisms in promoter â€“ 5â€² UTR with end-stage renal disease. Nephrology Dialysis Transplantation, 2006, 21, 1124-1125.	0.7	5

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127	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
128	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
129	Radical scavenger edaravone developed for clinical use ameliorates ischemia/reperfusion injury in rat kidney. Kidney International, 2004, 65, 1714-1723.	5.2	143
130	High-throughput single nucleotide polymorphism typing by fluorescent single-strand conformation polymorphism analysis with capillary electrophoresis. Electrophoresis, 2004, 25, 833-838.	2.4	28
131	Successfully Treated "Accelerated" Renovascular Hypertension with Intravascular Stenting.. Hypertension Research, 2002, 25, 945-948.	2.7	1