Seung Seok Han

List of Publications by Year
in descending order

131 papers	2,347 citations	236912	302107
		25 h-index	39 g-index

| 145 all docs | 145 docs citations | 145 times ranked | 3144 citing authors |

#	ARTICLE	IF	CITATIONS
1	Changing prevalence of glomerular diseases in Korean adults: a review of 20 years of experience. Nephrology Dialysis Transplantation, 2009, 24, 2406-2410.	0.7	160
2	Lean Mass Index: A Better Predictor of Mortality than Body Mass Index in Elderly Asians. Journal of the American Geriatrics Society, 2010, 58, 312-317.	2.6	101
3	High-Dose Versus Conventional-Dose Continuous Venovenous Hemodiafiltration and Patient and Kidney Survival and Cytokine Removal in Sepsis-Associated Acute Kidney Injury: A Randomized Controlled Trial. American Journal of Kidney Diseases, 2016, 68, 599-608.	1.9	84
4	Altered Risk for Cardiovascular Events With Changes in the Metabolic Syndrome Status. Annals of Internal Medicine, 2019, 171, 875.	3.9	71
5	Dialysis Modality and Mortality in the Elderly. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 983-993.	4.5	70
6	Simple Postoperative AKI Risk (SPARK) Classification before Noncardiac Surgery: A Prediction Index Development Study with External Validation. Journal of the American Society of Nephrology: JASN, 2019, 30, 170-181.	6.1	69
7	Short or Long Sleep Duration and CKD: A Mendelian Randomization Study. Journal of the American Society of Nephrology: JASN, 2020, 31, 2937-2947.	6.1	66
8	Atrial fibrillation and kidney function: a bidirectional Mendelian randomization study. European Heart Journal, 2021, 42, 2816-2823.	2.2	59
9	Machine learning algorithm to predict mortality in patients undergoing continuous renal replacement therapy. Critical Care, 2020, 24, 42.	5.8	57
10	Mortality of IgA Nephropathy Patients: A Single Center Experience over 30 Years. PLoS ONE, 2012, 7, e51225.	2.5	57
11	Automated Computational Detection of Interstitial Fibrosis, Tubular Atrophy, and Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2021, 32, 837-850.	6.1	52
12	Metabolic Acidosis and Long-Term Clinical Outcomes in Kidney Transplant Recipients. Journal of the American Society of Nephrology: JASN, 2017, 28, 1886-1897.	6.1	47
13	A Nanostructured Phthalocyanine/Albumin Supramolecular Assembly for Fluorescence Turn-On Imaging and Photodynamic Immunotherapy. ACS Nano, 2022, 16, 3045-3058.	14.6	45
14	Deep Learning Model for Real-Time Prediction of Intradialytic Hypotension. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 396-406.	4.5	42
15	A Mendelian randomization study found causal linkage between telomere attrition and chronic kidney disease. Kidney International, 2021, 100, 1063-1070.	5.2	42
16	Anemia Is a Risk Factor for Acute Kidney Injury and Long-Term Mortality in Critically Ill Patients. Tohoku Journal of Experimental Medicine, 2015, 237, 287-295.	1.2	41
17	Effects of Intensive Low-Salt Diet Education on Albuminuria among Nondiabetic Patients with Hypertension Treated with Olmesartan. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 2059-2069.	4.5	37
18	The Role of TNF Superfamily Member 13 in the Progression of IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2016, 27, 3430-3439.	6.1	37

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19	Monitoring the Intracellular Tacrolimus Concentration in Kidney Transplant Recipients with Stable Graft Function. PLoS ONE, 2016, 11, e0153491.	2.5	36
20	Early initiation of continuous renal replacement therapy improves survival of elderly patients with acute kidney injury: a multicenter prospective cohort study. Critical Care, 2016, 20, 260.	5.8	34
21	C-Reactive Protein Predicts Acute Kidney Injury and Death After Coronary Artery Bypass Grafting. Annals of Thoracic Surgery, 2017, 104, 804-810.	1.3	32
22	Risk of cancer in pre-dialysis chronic kidney disease: A nationwide population-based study with a matched control group. Kidney Research and Clinical Practice, 2019, 38, 60-70.	2.2	32
23	Epidemiology of continuous renal replacement therapy in Korea: Results from the National Health Insurance Service claims database from 2005 to 2016. Kidney Research and Clinical Practice, 2018, 37, 119-129.	2.2	31
24	The role of local IL6/JAK2/STAT3 signaling in high glucoseâ€"induced podocyte hypertrophy. Kidney Research and Clinical Practice, 2016, 35, 212-218.	2.2	30
25	Immune cell composition in normal human kidneys. Scientific Reports, 2020, 10, 15678.	3.3	28
26	Effects of acute kidney injury and chronic kidney disease on long-term mortality after coronary artery bypass grafting. American Heart Journal, 2015, 169, 419-425.	2.7	27
27	Clinical Significance of Crescent Formation in IgA Nephropathy â€" a Multicenter Validation Study. Kidney and Blood Pressure Research, 2019, 44, 22-32.	2.0	27
28	Measured sodium excretion is associated with CKD progression: results from the KNOW-CKD study. Nephrology Dialysis Transplantation, 2021, 36, 512-519.	0.7	27
29	Reduced risk for chronic kidney disease after recovery from metabolic syndrome: A nationwide population-based study. Kidney Research and Clinical Practice, 2020, 39, 180-191.	2.2	27
30	Incremental Peritoneal Dialysis May be Beneficial for Preserving Residual Renal Function Compared to Full-dose Peritoneal Dialysis. Scientific Reports, 2019, 9, 10105.	3.3	26
31	Hyperphosphatemia and risks of acute kidney injury, end-stage renal disease, and mortality in hospitalized patients. BMC Nephrology, 2019, 20, 362.	1.8	26
32	Electrolyte and mineral disturbances in septic acute kidney injury patients undergoing continuous renal replacement therapy. Medicine (United States), 2016, 95, e4542.	1.0	24
33	Lower Education Level Is a Risk Factor for Peritonitis and Technique Failure but Not a Risk for Overall Mortality in Peritoneal Dialysis under Comprehensive Training System. PLoS ONE, 2017, 12, e0169063.	2.5	24
34	Dysnatremia, its correction, and mortality in patients undergoing continuous renal replacement therapy: a prospective observational study. BMC Nephrology, 2016, 17, 2.	1.8	20
35	Real-Time Clinical Decision Support Based on Recurrent Neural Networks for In-Hospital Acute Kidney Injury: External Validation and Model Interpretation. Journal of Medical Internet Research, 2021, 23, e24120.	4.3	20
36	MEST-C pathological score and long-term outcomes of child and adult patients with Henoch-Schönlein purpura nephritis. BMC Nephrology, 2020, 21, 33.	1.8	20

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37	Association of CKD with Incident Tuberculosis. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 1002-1010.	4.5	18
38	Hyperuricemia is associated with acute kidney injury and all‑cause mortality in hospitalized patients. Nephrology, 2019, 24, 718-724.	1.6	18
39	Kidney residency of VISTA-positive macrophages accelerates repair from ischemic injury. Kidney International, 2020, 97, 980-994.	5.2	18
40	Lipid profiles and risk of major adverse cardiovascular events in CKD and diabetes: A nationwide population-based study. PLoS ONE, 2020, 15, e0231328.	2.5	18
41	Development of a new mortality scoring system for acute kidney injury with continuous renal replacement therapy. Nephrology, 2019, 24, 1233-1240.	1.6	17
42	Causal effects of physical activity or sedentary behaviors on kidney function: an integrated population-scale observational analysis and Mendelian randomization study. Nephrology Dialysis Transplantation, 2022, 37, 1059-1068.	0.7	17
43	Predictive Value of Echocardiographic Parameters for Clinical Events in Patients Starting Hemodialysis. Journal of Korean Medical Science, 2015, 30, 44.	2.5	16
44	Impact of Pneumocystis jirovecii pneumonia on kidney transplant outcome. BMC Nephrology, 2019, 20, 212.	1.8	16
45	Causal Effects of Positive Affect, Life Satisfaction, Depressive Symptoms, and Neuroticism on Kidney Function: A Mendelian Randomization Study. Journal of the American Society of Nephrology: JASN, 2021, 32, 1484-1496.	6.1	16
46	Kidney function and obstructive lung disease: a bidirectional Mendelian randomisation study. European Respiratory Journal, 2021, 58, 2100848.	6.7	16
47	Systolic and diastolic dysfunction affects kidney outcomes in hospitalized patients. BMC Nephrology, 2018, 19, 292.	1.8	14
48	Risk Prediction for Contrast-Induced Nephropathy in Cancer Patients Undergoing Computed Tomography under Preventive Measures. Journal of Oncology, 2019, 2019, 1-7.	1.3	14
49	Machine learning model to predict hypotension after starting continuous renal replacement therapy. Scientific Reports, 2021, 11, 17169.	3.3	14
50	NT-proBNP Is Predictive of the Weaning from Continuous Renal Replacement Therapy. Tohoku Journal of Experimental Medicine, 2016, 239, 1-8.	1.2	13
51	Effect of steroids and relevant cytokine analysis in acute tubulointerstitial nephritis. BMC Nephrology, 2019, 20, 88.	1.8	13
52	Causal effects of relative fat, protein, and carbohydrate intake on chronic kidney disease: a Mendelian randomization study. American Journal of Clinical Nutrition, 2021, 113, 1023-1031.	4.7	13
53	Cardiovascular Risk Comparison between Expanded Hemodialysis Using Theranova and Online Hemodiafiltration (CARTOON): A Multicenter Randomized Controlled Trial. Scientific Reports, 2021, 11, 10807.	3.3	13
54	Relation of Poor Handgrip Strength or Slow Walking Pace to Risk of Myocardial Infarction and Fatality. American Journal of Cardiology, 2022, 162, 58-65.	1.6	13

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55	Weight loss has an additive effect on the proteinuria reduction of angiotensin II receptor blockers in hypertensive patients with chronic kidney disease. Kidney Research and Clinical Practice, 2018, 37, 49-58.	2.2	12
56	Machine learning-based prediction of acute kidney injury after nephrectomy in patients with renal cell carcinoma. Scientific Reports, 2021, 11, 15704.	3.3	12
57	Posttransplant Hyponatremia Predicts Graft Failure and Mortality in Kidney Transplantation Recipients: A Multicenter Cohort Study in Korea. PLoS ONE, 2016, 11, e0156050.	2.5	11
58	Glomerular hyperfiltration is associated with dementia: A nationwide population-based study. PLoS ONE, 2020, 15, e0228361.	2.5	11
59	Causal Effects of Homocysteine, Folate, and Cobalamin on Kidney Function: A Mendelian Randomization Study. Nutrients, 2021, 13, 906.	4.1	11
60	Causal Effects of Serum Levels of n-3 or n-6 Polyunsaturated Fatty Acids on Coronary Artery Disease: Mendelian Randomization Study. Nutrients, 2021, 13, 1490.	4.1	11
61	Causal effects from non‐alcoholic fatty liver disease on kidney function: A Mendelian randomization study. Liver International, 2022, 42, 412-418.	3.9	11
62	Causal effects of atrial fibrillation on brain white and gray matter volume: a Mendelian randomization study. BMC Medicine, 2021, 19, 274.	5.5	11
63	Discrepant glomerular filtration rate trends from creatinine and cystatin C in patients with chronic kidney disease: results from the KNOW-CKD cohort. BMC Nephrology, 2020, 21, 280.	1.8	10
64	Causal effects of education on chronic kidney disease: a Mendelian randomization study. CKJ: Clinical Kidney Journal, 2021, 14, 1932-1938.	2.9	10
65	Association of hypoalbuminemia with short-term and long-term mortality in patients undergoing continuous renal replacement therapy. Kidney Research and Clinical Practice, 2020, 39, 47-53.	2.2	10
66	Expansion of Myeloid-Derived Suppressor Cells Correlates with Renal Progression in Type 2 Diabetic Nephropathy. Immune Network, 2020, 20, e18.	3.6	10
67	Kidney VISTA prevents IFN-Î³/IL-9 axisâ€"mediated tubulointerstitial fibrosis after acute glomerular injury. Journal of Clinical Investigation, 2022, 132, .	8.2	10
68	Loss of KLF15 accelerates chronic podocyte injury. International Journal of Molecular Medicine, 2018, 42, 1593-1602.	4.0	9
69	Long-Term Effects of Intensive Low-Salt Diet Education on Deterioration of Glomerular Filtration Rate among Non-Diabetic Hypertensive Patients with Chronic Kidney Disease. Kidney and Blood Pressure Research, 2019, 44, 1101-1114.	2.0	9
70	Association Between Moderateâ€‘toâ€‘Vigorous Physical Activity and the Risk of Major Adverse Cardiovascular Events or Mortality in People With Various Metabolic Syndrome Status: A Nationwide Populationâ€‘Based Cohort Study Including 6 Million People. Journal of the American Heart Association, 2020, 9, e016806.	3.7	9
71	Apolipoprotein B is a risk factor for end-stage renal disease. CKJ: Clinical Kidney Journal, 2021, 14, 617-623.	2.9	9
72	Renal outcomes in adult patients with horseshoe kidney. Nephrology Dialysis Transplantation, 2021, 36, 498-503.	0.7	9

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73	Cardiovascular or mortality risk of controlled hypertension and importance of physical activity. Heart, 2021, 107, 1472-1479.	2.9	9
74	Predictive value of triglyceride/high-density lipoprotein cholesterol for major clinical outcomes in advanced chronic kidney disease: a nationwide population-based study. CKJ: Clinical Kidney Journal, 2021, 14, 1961-1968.	2.9	9
75	Optimized single-step optical clearing solution for 3D volume imaging of biological structures. Communications Biology, 2022, 5, 431.	4.4	9
76	Impact of C-Reactive Protein and Pulse Pressure Evaluated at the Start of Peritoneal Dialysis on Cardiovascular Events in the Course of Treatment with Peritoneal Dialysis. Peritoneal Dialysis International, 2010, 30, 300-310.	2.3	8
77	Age- and Gender-Dependent Correlations between Body Composition and Chronic Kidney Disease. American Journal of Nephrology, 2010, 31, 83-89.	3.1	8
78	Usefulness of Preoperative Echocardiography to Predict Acute Kidney Injury and Long-Term Mortality After Coronary Artery Bypass Grafting. American Journal of Cardiology, 2017, 119, 231-236.	1.6	8
79	Smoking, development of or recovery from metabolic syndrome, and major adverse cardiovascular events: A nationwide population-based cohort study including 6 million people. PLoS ONE, 2021, 16, e0241623.	2.5	8
80	Association of Longitudinal Trajectories of Insulin Resistance With Adverse Renal Outcomes. Diabetes Care, 2022, 45, 1268-1275.	8.6	8
81	Steroid Use and Infectious Complication in Peritoneal Dialysis After Kidney Transplant Failure. Transplantation, 2015, 99, 1514-1520.	1.0	7
82	Causal effect of alcohol use on the risk of end-stage kidney disease and related comorbidities: a Mendelian randomization study. Kidney Research and Clinical Practice, 2021, 40, 282-293.	2.2	7
83	Nonlinear causal effects of estimated glomerular filtration rate on myocardial infarction risks: Mendelian randomization study. BMC Medicine, 2022, 20, 44.	5.5	7
84	PodoCount: A Robust, Fully Automated, Whole-Slide Podocyte Quantification Tool. Kidney International Reports, 2022, 7, 1377-1392.	0.8	7
85	BAFF and APRIL expression as an autoimmune signature of membranous nephropathy. Oncotarget, 2018, 9, 3292-3302.	1.8	6
86	The association of tumor necrosis factor superfamily 13 with recurrence of immunoglobulin A nephropathy in living related kidney transplantation. BMC Nephrology, 2019, 20, 33.	1.8	6
87	Glomerular Hyperfiltration and Cancer: A Nationwide Population-Based Study. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2070-2077.	2.5	6
88	Cardiovascular risk of nonsteroidal anti-inflammatory drugs in dialysis patients: a nationwide population-based study. Nephrology Dialysis Transplantation, 2021, 36, 909-917.	0.7	6
89	Target value of mean arterial pressure in patients undergoing continuous renal replacement therapy due to acute kidney injury. BMC Nephrology, 2021, 22, 20.	1.8	6
90	Use of Deep Learning to Predict Acute Kidney Injury After Intravenous Contrast Media Administration: Prediction Model Development Study. JMIR Medical Informatics, 2021, 9, e27177.	2.6	6

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91	Mendelian randomization reveals causal effects of kidney function on various biochemical parameters. Communications Biology, 2022, 5, .	4.4	6
92	Urinary adiponectin and albuminuria in non-diabetic hypertensive patients: an analysis of the ESPECIAL trial. BMC Nephrology, 2015, 16, 123.	1.8	5
93	Three‑year income trends in Korean adults commencing haemodialysis: A prospective cohort. Nephrology, 2018, 23, 625-632.	1.6	5
94	Differential Signature of Obesity in the Relationship with Acute Kidney Injury and Mortality after Coronary Artery Bypass Grafting. Journal of Korean Medical Science, 2018, 33, e312.	2.5	5
95	Observational or Genetically Predicted Higher Vegetable Intake and Kidney Function Impairment: An Integrated Population-Scale Cross-Sectional Analysis and Mendelian Randomization Study. Journal of Nutrition, 2021, 151, 1167-1174.	2.9	5
96	Deep Learning-Based Quantification of Visceral Fat Volumes Predicts Posttransplant Diabetes Mellitus in Kidney Transplant Recipients. Frontiers in Medicine, 2021, 8, 632097.	2.6	5
97	Monitoring globotriaosylsphingosine in a Korean male patient with Fabry disease. Kidney Research and Clinical Practice, 2019, 38, 250-252.	2.2	5
98	The minimum-mortality estimated glomerular filtration rate percentile shifts upward in the aged population: a nationwide population-based study. CKJ: Clinical Kidney Journal, 2021, 14, 1356-1363.	2.9	5
99	Can a semi-quantitative method replace the current quantitative method for the annual screening of microalbuminuria in patients with diabetes? Diagnostic accuracy and cost-saving analysis considering the potential health burden. PLoS ONE, 2020, 15, e0227694.	2.5	5
100	Serum bilirubin and kidney function: a Mendelian randomization study. CKJ: Clinical Kidney Journal, 2022, 15, 1755-1762.	2.9	5
101	Postdischarge Major Adverse Cardiovascular Events of ICU Survivors Who Received Acute Renal Replacement Therapy. Critical Care Medicine, 2018, 46, e1047-e1054.	0.9	4
102	Development of model to predict end-stage renal disease after coronary artery bypass grafting. Medicine (United States), 2019, 98, e15789.	1.0	4
103	Clinical outcomes of prolonged dual antiplatelet therapy after coronary drug-eluting stent implantation in dialysis patients. CKJ: Clinical Kidney Journal, 2020, 13, 803-812.	2.9	4
104	The Prognostic Significance of Body Mass Index and Metabolic Parameter Variabilities in Predialysis CKD: A Nationwide Observational Cohort Study. Journal of the American Society of Nephrology: JASN, 2021, 32, 2595-2612.	6.1	4
105	Heart rate is associated with mortality in patients undergoing continuous renal replacement therapy. Kidney Research and Clinical Practice, 2017, 36, 250-256.	2.2	4
106	Risk of Stroke in Elderly Dialysis Patients. Journal of Korean Medical Science, 2017, 32, 1460.	2.5	3
107	Effect of severe diarrhoea on kidney transplant outcomes. Nephrology, 2020, 25, 255-263.	1.6	3
108	Krüppel-like factor 15 is a key suppressor of podocyte fibrosis under rotational force-driven pressure. Experimental Cell Research, 2020, 386, 111706.	2.6	3

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109	Biobanking for glomerular diseases: a study design and protocol for KOrea Renal biobank NEtwoRk System TOward NExt-generation analysis (KORNERSTONE). BMC Nephrology, 2020, 21, 367.	1.8	3
110	Renal Safety of Repeated Intravascular Administrations of Iodinated or Gadolinium-Based Contrast Media within a Short Interval. Korean Journal of Radiology, 2021, 22, 1547.	3.4	3
111	GDF-15 Predicts In-Hospital Mortality of Critically Ill Patients with Acute Kidney Injury Requiring Continuous Renal Replacement Therapy: A Multicenter Prospective Study. Journal of Clinical Medicine, 2021, 10, 3660.	2.4	3
112	Evolving outcomes of peritoneal dialysis: secular trends at a single large center over three decades. Kidney Research and Clinical Practice, 2021, 40, 472-483.	2.2	3
113	Impact of variability in estimated glomerular filtration rate on major clinical outcomes: A nationwide population-based study. PLoS ONE, 2020, 15, e0244156.	2.5	3
114	System of integrating biosignals during hemodialysis: the CONTINUAL (Continuous mOnitoriNg viTal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	3
115	Effect of Liver Cirrhosis on the Outcomes of Peritoneal Dialysis. Peritoneal Dialysis International, 2019, 39, 502-508.	2.3	2
116	Impacts of GFP-FoxP3+ regulatory T cells on lupus hallmarks differ by genetic background and type of GFP knock-in. Autoimmunity, 2019, 52, 199-207.	2.6	2
117	Analysis of Immune Cell Repopulation After Anti-thymocyte Globulin Administration for Steroid-Resistant T-cellâ€"mediated Rejection. Transplantation Proceedings, 2020, 52, 759-766.	0.6	2
118	Causal linkage between adult height and kidney function: An integrated population-scale observational analysis and Mendelian randomization study. PLoS ONE, 2021, 16, e0254649.	2.5	2
119	Hyperchloremia is associated with poor renal outcome after coronary artery bypass grafting. BMC Nephrology, 2021, 22, 343.	1.8	2
120	Association between visit-to-visit blood pressure variability and risks of dementia in CKD patients: a nationwide observational cohort study. CKJ: Clinical Kidney Journal, 2022, 15, 1506-1513.	2.9	2
121	The level of intracellular tacrolimus in T cell is affected by CD44⁺ABCB1⁺activities triggered by inflammation. European Journal of Inflammation, 2019, 17, 205873921984515.	0.5	1
122	Association between vitamin D level and hematuria from a dipstick test in a large scale population based study: Korean National Health and nutrition examination survey. BMC Nephrology, 2019, 20, 187.	1.8	1
123	Blood Pressure and Renal Progression in Patients Undergoing Percutaneous Coronary Intervention. American Journal of Hypertension, 2020, 33, 676-684.	2.0	1
124	Predictive value of cardio-ankle vascular index for the risk of end-stage renal disease. CKJ: Clinical Kidney Journal, 2021, 14, 255-260.	2.9	1
125	Risk of Graft Failure in Kidney Recipients with Cured Post-Transplant Cancer. Journal of Korean Medical Science, 2020, 35, e166.	2.5	1
126	MP588PROBING RISK OF STROKE AND ITS RELATED FACTORS IN ELDERLY DIALYSIS PATIENTS. Nephrology Dialysis Transplantation, 2016, 31, i537-i537.	0.7	0

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127	1290: POWERFUL PREDICTORS OF LONG-TERM MORTALITY IN ICU SURVIVORS. Critical Care Medicine, 2016, 44, 398-398.	0.9	0
128	P0502BIOBANKING FOR GLOMERULAR DISEASES: A STUDY DESIGN AND PROTOCOL FOR KOREA RENAL BIOBANK NETWORK SYSTEM TOWARD NEXT-GENERATION ANALYSIS (KORNERSTONE). Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
129	Increasing prescription of renin–angiotensin–aldosterone system blockers associated with improved kidney prognosis in Korean IgA nephropathy patients. CKJ: Clinical Kidney Journal, 2021, 14, 1673-1680.	2.9	0
130	MO353MACHINE LEARNING-BASED PREDICTION OF ACUTE KIDNEY INJURY AFTER NEPHRECTOMY IN PATIENTS WITH RENAL CELL CARCINOMA. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0
131	Additive harmful effects of acute kidney injury and acute heart failure on mortality in hospitalized patients. Kidney Research and Clinical Practice, 2021, , .	2.2	0