

Stephan Bakker

List of Publications by Year in descending order

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Version: 2024-02-01

803
papers

42,628
citations

5126

86
h-index

5102

172
g-index

815
all docs

815
docs citations

815
times ranked

54291
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
2	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109.	13.7	1,855
3	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	9.4	1,818
4	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
5	C-Reactive Protein, Fibrinogen, and Cardiovascular Disease Prediction. <i>New England Journal of Medicine</i> , 2012, 367, 1310-1320.	13.9	909
6	The interleukin-6 receptor as a target for prevention of coronary heart disease: a mendelian randomisation analysis. <i>Lancet</i> , 2012, 379, 1214-1224.	6.3	886
7	Angiotensin-converting enzyme 2 (<scp>ACE2</scp>), <scp>SARS-CoV-2</scp> and the pathophysiology of coronavirus disease 2019 (<scp>COVID-19</scp>). <i>Journal of Pathology</i> , 2020, 251, 228-248.	2.1	791
8	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	9.4	746
9	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	9.4	675
10	Cohort Profile: LifeLines, a three-generation cohort study and biobank. <i>International Journal of Epidemiology</i> , 2015, 44, 1172-1180.	0.9	578
11	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	9.4	549
12	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017, 49, 403-415.	9.4	492
13	SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. <i>European Heart Journal</i> , 2021, 42, 2439-2454.	1.0	491
14	Thyroid Function Is Associated with Components of the Metabolic Syndrome in Euthyroid Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 491-496.	1.8	425
15	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	5.8	412
16	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. <i>PLoS Genetics</i> , 2013, 9, e1003500.	1.5	371
17	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
18	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	1.5	331

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19	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018, 103, 691-706.	2.6	326
20	Carnosine as a Protective Factor in Diabetic Nephropathy: Association With a Leucine Repeat of the Carnosinase Gene CNDP1. <i>Diabetes</i> , 2005, 54, 2320-2327.	0.3	264
21	Potassium homeostasis and management of dyskalemia in kidney diseases: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. <i>Kidney International</i> , 2020, 97, 42-61.	2.6	260
22	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7119-7124.	3.3	258
23	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	9.4	251
24	Genetic loci influencing kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010, 42, 373-375.	9.4	246
25	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	5.8	245
26	Prediction models for risk of developing type 2 diabetes: systematic literature search and independent external validation study. <i>BMJ</i> , 2012, 345, e5900-e5900.	3.0	237
27	Heart Failure Stimulates Tumor Growth by Circulating Factors. <i>Circulation</i> , 2018, 138, 678-691.	1.6	229
28	First Morning Voids Are More Reliable Than Spot Urine Samples to Assess Microalbuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 436-443.	3.0	225
29	Advanced glycation end-products (AGEs) and heart failure: Pathophysiology and clinical implications. <i>European Journal of Heart Failure</i> , 2007, 9, 1146-1155.	2.9	224
30	Albuminuria Assessed From First-Morning-Void Urine Samples Versus 24-Hour Urine Collections as a Predictor of Cardiovascular Morbidity and Mortality. <i>American Journal of Epidemiology</i> , 2008, 168, 897-905.	1.6	215
31	C-reactive protein is associated with renal function abnormalities in a non-diabetic population. <i>Kidney International</i> , 2003, 63, 654-661.	2.6	208
32	CUBN Is a Gene Locus for Albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 555-570.	3.0	208
33	Diagnosis and Prediction of CKD Progression by Assessment of Urinary Peptides. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1999-2010.	3.0	205
34	Moderation of dietary sodium potentiates the renal and cardiovascular protective effects of angiotensin receptor blockers. <i>Kidney International</i> , 2012, 82, 330-337.	2.6	204
35	Glomerular and Tubular Damage Markers Are Elevated in Patients With Diabetes. <i>Diabetes Care</i> , 2011, 34, 975-981.	4.3	191
36	Metabolic Syndrome Is Associated with Impaired Long-term Renal Allograft Function; Not All Component criteria Contribute Equally. <i>American Journal of Transplantation</i> , 2004, 4, 1675-1683.	2.6	188

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37	Cytosolic triglycerides and oxidative stress in central obesity: the missing link between excessive atherosclerosis, endothelial dysfunction, and β -cell failure?. <i>Atherosclerosis</i> , 2000, 148, 17-21.	0.4	185
38	Physical inactivity: a risk factor and target for intervention in renal care. <i>Nature Reviews Nephrology</i> , 2017, 13, 152-168.	4.1	183
39	Glycated Hemoglobin Measurement and Prediction of Cardiovascular Disease. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1225.	3.8	179
40	Macroalbuminuria Is a Better Risk Marker than Low Estimated GFR to Identify Individuals at Risk for Accelerated GFR Loss in Population Screening. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 2582-2590.	3.0	176
41	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	13.7	173
42	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	5.8	169
43	Early detection of diabetic kidney disease by urinary proteomics and subsequent intervention with spironolactone to delay progression (PRIORITY): a prospective observational study and embedded randomised placebo-controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 301-312.	5.5	166
44	Urinary creatinine excretion, an indirect measure of muscle mass, is an independent predictor of cardiovascular disease and mortality in the general population. <i>Atherosclerosis</i> , 2009, 207, 534-540.	0.4	163
45	Tubular kidney injury molecule-1 in protein-overload nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, F456-F464.	1.3	157
46	Cardiovascular and renal outcome in subjects with K/DOQI stage 1-3 chronic kidney disease: the importance of urinary albumin excretion. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 3851-3858.	0.4	156
47	Plant-based diets to manage the risks and complications of chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2020, 16, 525-542.	4.1	156
48	An elevated urinary albumin excretion predicts de novo development of renal function impairment in the general population. <i>Kidney International</i> , 2004, 66, S18-S21.	2.6	155
49	High Urinary Excretion of Kidney Injury Molecule-1 Is an Independent Predictor of Graft Loss in Renal Transplant Recipients. <i>Transplantation</i> , 2007, 84, 1625-1630.	0.5	155
50	Telomere length loss due to smoking and metabolic traits. <i>Journal of Internal Medicine</i> , 2014, 275, 155-163.	2.7	151
51	The Relationship between Thyrotropin and Low Density Lipoprotein Cholesterol Is Modified by Insulin Sensitivity in Healthy Euthyroid Subjects ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1206-1211.	1.8	139
52	Lipid-soluble components in cigarette smoke induce mitochondrial production of reactive oxygen species in lung epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L109-L114.	1.3	138
53	Screening for Albuminuria Identifies Individuals at Increased Renal Risk. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 852-862.	3.0	133
54	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	5.8	133

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55	The validity of screening based on spot morning urine samples to detect subjects with microalbuminuria in the general population. <i>Kidney International</i> , 2005, 67, S28-S35.	2.6	132
56	Dietary Protein and Blood Pressure: A Systematic Review. <i>PLoS ONE</i> , 2010, 5, e12102.	1.1	131
57	Cigarette smoke-induced blockade of the mitochondrial respiratory chain switches lung epithelial cell apoptosis into necrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L1211-L1218.	1.3	128
58	Long-Term Cardiovascular Mortality in Patients With Differentiated Thyroid Carcinoma: An Observational Study. <i>Journal of Clinical Oncology</i> , 2013, 31, 4046-4053.	0.8	128
59	Low Physical Activity and Risk of Cardiovascular and All-Cause Mortality in Renal Transplant Recipients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 898-905.	2.2	120
60	Urinary Albumin Excretion and Its Relation With C-Reactive Protein and the Metabolic Syndrome in the Prediction of Type 2 Diabetes. <i>Diabetes Care</i> , 2005, 28, 2525-2530.	4.3	118
61	Dietary acid load and risk of hypertension: the Rotterdam Study. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1438-1444.	2.2	118
62	Multicentric Validation of Proteomic Biomarkers in Urine Specific for Diabetic Nephropathy. <i>PLoS ONE</i> , 2010, 5, e13421.	1.1	117
63	Secretory Phospholipase A2-IIA and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1966-1976.	1.2	115
64	Calcification Propensity and Survival among Renal Transplant Recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 239-248.	3.0	115
65	Kidney injury molecule-1 in renal disease. <i>Journal of Pathology</i> , 2010, 220, 7-16.	2.1	113
66	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015, 87, 1017-1029.	2.6	113
67	Gender differences in predictors of the decline of renal function in the general population. <i>Kidney International</i> , 2008, 74, 505-512.	2.6	112
68	Chromium Treatment Has No Effect in Patients With Poorly Controlled, Insulin-Treated Type 2 Diabetes in an Obese Western Population: A randomized, double-blind, placebo-controlled trial. <i>Diabetes Care</i> , 2006, 29, 521-525.	4.3	111
69	Measures of chronic kidney disease and risk of incident peripheral artery disease: a collaborative meta-analysis of individual participant data. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 718-728.	5.5	110
70	Urinary Albumin Excretion as a Predictor of the Development of Hypertension in the General Population. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 331-335.	3.0	107
71	Multicentre prospective validation of a urinary peptidome-based classifier for the diagnosis of type 2 diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1563-1570.	0.4	106
72	Copeptin, a surrogate marker of vasopressin, is associated with microalbuminuria in a large population cohort. <i>Kidney International</i> , 2010, 77, 29-36.	2.6	105

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73	N-terminal pro-B-type natriuretic peptide is an independent predictor of cardiovascular morbidity and mortality in the general population. <i>European Heart Journal</i> , 2010, 31, 120-127.	1.0	103
74	Carnosine Prevents Apoptosis of Glomerular Cells and Podocyte Loss in STZ Diabetic Rats. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 279-288.	1.1	99
75	What to Measure—Albuminuria or Total Proteinuria?. <i>American Journal of Kidney Diseases</i> , 2011, 57, 1-2.	2.1	98
76	Role of HDL Cholesterol and Estimates of HDL Particle Composition in Future Development of Type 2 Diabetes in the General Population: The PREVEND Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1352-E1359.	1.8	98
77	Fibroblast Growth Factor 23 and Cardiovascular Mortality after Kidney Transplantation. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 1968-1978.	2.2	98
78	Circulating Total Bilirubin and Risk of Incident Cardiovascular Disease in the General Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 716-724.	1.1	96
79	TMAO is Associated with Mortality: Impact of Modestly Impaired Renal Function. <i>Scientific Reports</i> , 2017, 7, 13781.	1.6	96
80	Short-term vitamin D3 supplementation lowers plasma renin activity in patients with stable chronic heart failure: An open-label, blinded end point, randomized prospective trial (VitD-CHF trial). <i>American Heart Journal</i> , 2013, 166, 357-364.e2.	1.2	95
81	Combining traditional dietary assessment methods with novel metabolomics techniques: present efforts by the Food Biomarker Alliance. <i>Proceedings of the Nutrition Society</i> , 2017, 76, 619-627.	0.4	93
82	A Double-Blind, Randomized, Placebo-Controlled Clinical Trial on Benfotiamine Treatment in Patients With Diabetic Nephropathy. <i>Diabetes Care</i> , 2010, 33, 1598-1601.	4.3	92
83	Plasma tryptophan, kynurenine and 3-hydroxykynurenine measurement using automated on-line solid-phase extraction HPLC-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 603-609.	1.2	91
84	Urinary and plasma magnesium and risk of ischemic heart disease. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1299-1306.	2.2	91
85	Bilirubin as a Potential Causal Factor in Type 2 Diabetes Risk: A Mendelian Randomization Study. <i>Diabetes</i> , 2015, 64, 1459-1469.	0.3	91
86	The effect of a shift in sodium intake on renal hemodynamics is determined by body mass index in healthy young men. <i>Kidney International</i> , 2007, 71, 260-265.	2.6	90
87	Chromium Treatment Has No Effect in Patients With Type 2 Diabetes in a Western Population: A randomized, double-blind, placebo-controlled trial. <i>Diabetes Care</i> , 2007, 30, 1092-1096.	4.3	90
88	Association of Urinary Biomarkers With Disease Severity in Patients With Autosomal Dominant Polycystic Kidney Disease: A Cross-sectional Analysis. <i>American Journal of Kidney Diseases</i> , 2010, 56, 883-895.	2.1	89
89	Replication of the five novel loci for uric acid concentrations and potential mediating mechanisms. <i>Human Molecular Genetics</i> , 2010, 19, 387-395.	1.4	89
90	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	89

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91	Dietary Acid Load and Metabolic Acidosis in Renal Transplant Recipients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2012, 7, 1811-1818.	2.2	88
92	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	5.8	87
93	High-sensitive troponin T and N-terminal pro-B type natriuretic peptide are associated with cardiovascular events despite the cross-sectional association with albuminuria and glomerular filtration rate. <i>European Heart Journal</i> , 2012, 33, 2272-2281.	1.0	85
94	C-Reactive Protein Modifies the Relationship Between Blood Pressure and Microalbuminuria. <i>Hypertension</i> , 2004, 43, 791-796.	1.3	84
95	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	5.8	84
96	Copeptin, a Surrogate Marker of Vasopressin, Is Associated with Disease Severity in Autosomal Dominant Polycystic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 361-368.	2.2	83
97	Urinary Creatinine Excretion Reflecting Muscle Mass is a Predictor of Mortality and Graft Loss in Renal Transplant Recipients. <i>Transplantation</i> , 2008, 86, 391-398.	0.5	82
98	Impact of weight change on albuminuria in the general population. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 1619-1627.	0.4	81
99	Albuminuria, Proteinuria, and Novel Urine Biomarkers as Predictors of Long-term Allograft Outcomes in Kidney Transplant Recipients. <i>American Journal of Kidney Diseases</i> , 2011, 57, 733-743.	2.1	81
100	GlycA, a marker of acute phase glycoproteins, and the risk of incident type 2 diabetes mellitus: PREVEND study. <i>Clinica Chimica Acta</i> , 2016, 452, 10-17.	0.5	80
101	Albuminuria, Estimated GFR, Traditional Risk Factors, and Incident Cardiovascular Disease: The PREVEND (Prevention of Renal and Vascular Endstage Disease) Study. <i>American Journal of Kidney Diseases</i> , 2012, 60, 804-811.	2.1	79
102	Association Between Sodium Intake and Change in Uric Acid, Urine Albumin Excretion, and the Risk of Developing Hypertension. <i>Circulation</i> , 2012, 125, 3108-3116.	1.6	78
103	Alcohol consumption is inversely associated with the risk of developing chronic kidney disease. <i>Kidney International</i> , 2015, 87, 1009-1016.	2.6	78
104	HDL (High-Density Lipoprotein) Cholesterol Efflux Capacity Is Associated With Incident Cardiovascular Disease in the General Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1874-1883.	1.1	78
105	Clinical and prognostic value of advanced glycation end-products in chronic heart failure. <i>European Heart Journal</i> , 2007, 28, 2879-2885.	1.0	76
106	Extended Prognostic Value of Urinary Albumin Excretion for Cardiovascular Events. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1785-1791.	3.0	76
107	GlycA, a Pro-Inflammatory Glycoprotein Biomarker, and Incident Cardiovascular Disease: Relationship with C-Reactive Protein and Renal Function. <i>PLoS ONE</i> , 2015, 10, e0139057.	1.1	76
108	A systematic review and meta-analysis of COVID-19 in kidney transplant recipients: Lessons to be learned. <i>American Journal of Transplantation</i> , 2021, 21, 3936-3945.	2.6	76

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109	High Protein Intake Associates with Cardiovascular Events but not with Loss of Renal Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1797-1804.	3.0	75
110	Vitamin K Intake and Plasma Desphospho-Uncarboxylated Matrix Gla-Protein Levels in Kidney Transplant Recipients. <i>PLoS ONE</i> , 2012, 7, e47991.	1.1	75
111	Clinical Risk Stratification Optimizes Value of Biomarkers to Predict New-Onset Heart Failure in a Community-Based Cohort. <i>Circulation: Heart Failure</i> , 2014, 7, 723-731.	1.6	74
112	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	5.8	74
113	Blood urea nitrogen-to-creatinine ratio in the general population and in patients with acute heart failure. <i>Heart</i> , 2017, 103, 407-413.	1.2	74
114	Serum paraoxonase-1 activity and risk of incident cardiovascular disease: The PREVENT study and meta-analysis of prospective population studies. <i>Atherosclerosis</i> , 2016, 245, 143-154.	0.4	73
115	Effects of erythropoietin on fibroblast growth factor 23 in mice and humans. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 2057-2065.	0.4	73
116	Copeptin, a surrogate marker for vasopressin, is associated with kidney function decline in subjects with autosomal dominant polycystic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 4131-4137.	0.4	72
117	Short-term renal hemodynamic effects of tolvaptan in subjects with autosomal dominant polycystic kidney disease at various stages of chronic kidney disease. <i>Kidney International</i> , 2013, 84, 1278-1286.	2.6	72
118	Low potassium excretion but not high sodium excretion is associated with increased risk of developing chronic kidney disease. <i>Kidney International</i> , 2016, 90, 888-896.	2.6	72
119	Urinary Magnesium Excretion and Risk of Hypertension. <i>Hypertension</i> , 2013, 61, 1161-1167.	1.3	71
120	HDL Cholesterol Efflux Predicts Graft Failure in Renal Transplant Recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 595-603.	3.0	71
121	A novel NMR-based assay to measure circulating concentrations of branched-chain amino acids: Elevation in subjects with type 2 diabetes mellitus and association with carotid intima media thickness. <i>Clinical Biochemistry</i> , 2018, 54, 92-99.	0.8	71
122	Rationale and design of TransplantLines: a prospective cohort study and biobank of solid organ transplant recipients. <i>BMJ Open</i> , 2018, 8, e024502.	0.8	71
123	Copeptin, a Surrogate Marker of Vasopressin, Is Associated With Accelerated Renal Function Decline in Renal Transplant Recipients. <i>Transplantation</i> , 2009, 88, 561-567.	0.5	70
124	Urinary Potassium Excretion and Risk of Developing Hypertension. <i>Hypertension</i> , 2014, 64, 769-776.	1.3	68
125	Long-term magnesium supplementation improves arterial stiffness in overweight and obese adults: results of a randomized, double-blind, placebo-controlled intervention trial. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1260-1266.	2.2	68
126	The Effect of Cholesteryl Ester Transfer Protein $\alpha^{\prime}629C\alpha^{\prime}A$ Promoter Polymorphism on High-Density Lipoprotein Cholesterol Is Dependent on Serum Triglycerides. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4198-4204.	1.8	67

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127	Sodium intake and blood pressure in renal transplant recipients. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 3352-3359.	0.4	67
128	The role of diet and physical activity in post-transplant weight gain after renal transplantation. <i>Clinical Transplantation</i> , 2013, 27, E484-90.	0.8	67
129	Non-Alcoholic Fatty Liver Disease and Risk of Incident Type 2 Diabetes: Role of Circulating Branched-Chain Amino Acids. <i>Nutrients</i> , 2019, 11, 705.	1.7	67
130	Effects of Dapagliflozin on Circulating Markers of Phosphate Homeostasis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 66-73.	2.2	67
131	High-Density Lipoprotein Anti-Inflammatory Capacity and Incident Cardiovascular Events. <i>Circulation</i> , 2021, 143, 1935-1945.	1.6	67
132	Sex differences in the association between plasma copeptin and incident type 2 diabetes: the Prevention of Renal and Vascular Endstage Disease (PREVEND) study. <i>Diabetologia</i> , 2012, 55, 1963-1970.	2.9	66
133	Update on microalbuminuria as a biomarker in renal and cardiovascular disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2006, 15, 631-636.	1.0	65
134	Vitamin K Status and Mortality After Kidney Transplantation: A Cohort Study. <i>American Journal of Kidney Diseases</i> , 2015, 65, 474-483.	2.1	65
135	Fear of Movement and Low Self-Efficacy Are Important Barriers in Physical Activity after Renal Transplantation. <i>PLoS ONE</i> , 2016, 11, e0147609.	1.1	65
136	Urinary Sulfur Metabolites Associate with a Favorable Cardiovascular Risk Profile and Survival Benefit in Renal Transplant Recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1303-1312.	3.0	64
137	Which method for quantifying urinary albumin excretion gives what outcome? A comparison of immunonephelometry with HPLC. <i>Kidney International</i> , 2004, 66, S69-S75.	2.6	63
138	Sodium Excretion and Risk of Developing Coronary Heart Disease. <i>Circulation</i> , 2014, 129, 1121-1128.	1.6	63
139	Central Body Fat Distribution Associates with Unfavorable Renal Hemodynamics Independent of Body Mass Index. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 987-994.	3.0	62
140	Identification of Tubular Heparan Sulfate as a Docking Platform for the Alternative Complement Component Properdin in Proteinuric Renal Disease. <i>Journal of Biological Chemistry</i> , 2011, 286, 5359-5367.	1.6	61
141	Pleiotropic Effects of Lipid Genes on Plasma Glucose, HbA1c, and HOMA-IR Levels. <i>Diabetes</i> , 2014, 63, 3149-3158.	0.3	61
142	Associations of 25(OH) and 1,25(OH) ₂ Vitamin D With Long-Term Outcomes in Stable Renal Transplant Recipients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 81-89.	1.8	61
143	Plasma Branched-Chain Amino Acids and Risk of Incident Type 2 Diabetes: Results from the PREVEND Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2018, 7, 513.	1.0	60
144	Sex-specific associations of obesity and N-terminal pro-B-type natriuretic peptide levels in the general population. <i>European Journal of Heart Failure</i> , 2018, 20, 1205-1214.	2.9	60

#	ARTICLE	IF	CITATIONS
145	Falsely Low Urinary Albumin Concentrations after Prolonged Frozen Storage of Urine Samples. <i>Clinical Chemistry</i> , 2005, 51, 2181-2183.	1.5	59
146	N-Terminal Pro-B-Type Natriuretic Peptide and Mortality in Renal Transplant Recipients Versus the General Population. <i>Transplantation</i> , 2009, 87, 1562-1570.	0.5	59
147	Age and cystatin C in healthy adults: a collaborative study. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 463-469.	0.4	59
148	Initial Angiotensin Receptor Blockadeâ€“Induced Decrease in Albuminuria Is Associated With Long-Term Renal Outcome in Type 2 Diabetic Patients With Microalbuminuria. <i>Diabetes Care</i> , 2011, 34, 2078-2083.	4.3	58
149	Dietary protein, blood pressure and renal function in renal transplant recipients. <i>British Journal of Nutrition</i> , 2013, 109, 1463-1470.	1.2	58
150	Characteristics and Dysbiosis of the Gut Microbiome in Renal Transplant Recipients. <i>Journal of Clinical Medicine</i> , 2020, 9, 386.	1.0	58
151	Bilirubin and Progression of Nephropathy in Type 2 Diabetes: A Post Hoc Analysis of RENAAL With Independent Replication in IDNT. <i>Diabetes</i> , 2014, 63, 2845-2853.	0.3	57
152	A Panel of Novel Biomarkers Representing Different Disease Pathways Improves Prediction of Renal Function Decline in Type 2 Diabetes. <i>PLoS ONE</i> , 2015, 10, e0120995.	1.1	57
153	Insulin's acute effects on glomerular filtration rate correlate with insulin sensitivity whereas insulin's acute effects on proximal tubular sodium reabsorption correlate with salt sensitivity in normal subjects. <i>Nephrology Dialysis Transplantation</i> , 1999, 14, 2357-2363.	0.4	56
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155	Evaluation of Measures of Urinary Albumin Excretion. <i>American Journal of Epidemiology</i> , 2006, 164, 725-727.	1.6	54
156	Sex-Specific Associations of Cardiovascular Risk Factors and Biomarkers With Incident Heart Failure. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1455-1465.	1.2	54
157	The Impact of Dairy Products in the Development of Type 2 Diabetes: Where Does the Evidence Stand in 2019?. <i>Advances in Nutrition</i> , 2019, 10, 1066-1075.	2.9	53
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159	Growth-Differentiation Factor 15 Predicts Worsening of Albuminuria in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2012, 35, 2340-2346.	4.3	52
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162	A Pilot Study Into Measurements of Markers of Atherosclerosis in Periodontitis. <i>Journal of Periodontology</i> , 2005, 76, 121-128.	1.7	51

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172	Pancreatic β -Cell Dysfunction and Risk of New-Onset Diabetes After Kidney Transplantation. <i>Diabetes Care</i> , 2013, 36, 1926-1932.	4.3	49
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202	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	2.6	42
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238	Urinary potassium excretion, renal ammoniogenesis, and risk of graft failure and mortality in renal transplant recipients. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 1703-1711.	2.2	35
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241	Genome-Wide Association Study on Plasma Levels of Midregional-Proadrenomedullin and C-Terminal-Pro-Endothelin-1. <i>Hypertension</i> , 2013, 61, 602-608.	1.3	34
242	Frailty has a significant influence on postoperative complications after kidney transplantation-a prospective study on short-term outcomes. <i>Transplant International</i> , 2019, 32, 66-74.	0.8	34
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259	Incipient renal transplant dysfunction associates with tubular syndecan-1 expression and shedding. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F137-F145.	1.3	31
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267	Low thyroid function is not associated with an accelerated deterioration in renal function. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 650-659.	0.4	31
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272	High sensitive C-reactive protein and serum amyloid A are inversely related to serum bilirubin: effect-modification by metabolic syndrome. <i>Cardiovascular Diabetology</i> , 2013, 12, 166.	2.7	30
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274	Plasma ADMA associates with all-cause mortality in renal transplant recipients. <i>Amino Acids</i> , 2015, 47, 1941-1949.	1.2	30
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277	Early Detection of Progressive Chronic Kidney Disease: Is It Feasible?. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 1218-1220.	3.0	29
278	Rise in Extracellular Fluid Volume During High Sodium Depends on BMI in Healthy Men. <i>Obesity</i> , 2009, 17, 1684-1688.	1.5	29
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281	Obesity and Age-Related Changes in Markers of Oxidative Stress and Inflammation Across Four Generations. <i>Obesity</i> , 2016, 24, 1389-1396.	1.5	29
282	Effect of TREM-1 blockade and single nucleotide variants in experimental renal injury and kidney transplantation. <i>Scientific Reports</i> , 2016, 6, 38275.	1.6	29
283	Urinary potassium excretion and risk of cardiovascular events. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1204-1212.	2.2	29
284	A spatial analysis of dietary patterns in a large representative population in the north of The Netherlands – the Lifelines cohort study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 166.	2.0	29
285	Insulin Resistance After Renal Transplantation. <i>Diabetes Care</i> , 2002, 25, 1259-1260.	4.3	28
286	CCR5 ^{Δ32} genotype is associated with outcome in type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2009, 86, 140-145.	1.1	28
287	Plasma renin and outcome in the community: data from PREVEND. <i>European Heart Journal</i> , 2012, 33, 2351-2359.	1.0	28
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290	Oxidative stress is associated with suspected non-alcoholic fatty liver disease and all-cause mortality in the general population. <i>Liver International</i> , 2020, 40, 2148-2159.	1.9	28
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292	24h urinary free cortisol in large-scale epidemiological studies: Short-term and long-term stability and sources of variability. <i>Psychoneuroendocrinology</i> , 2014, 47, 10-16.	1.3	27
293	Donor and recipient genetic variants in NLRP3 associate with early acute rejection following kidney transplantation. <i>Scientific Reports</i> , 2016, 6, 36315.	1.6	27
294	High Serum PCSK9 Is Associated With Increased Risk of New-Onset Diabetes After Transplantation in Renal Transplant Recipients. <i>Diabetes Care</i> , 2017, 40, 894-901.	4.3	27
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524	Effect of increased protein intake on renal acid load and renal hemodynamic responses. <i>Physiological Reports</i> , 2016, 4, e12687.	0.7	10
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548	Goal disturbance changes pre/post renal transplantation are related to changes in distress. <i>British Journal of Health Psychology</i> , 2017, 22, 524-541.	1.9	9
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551	Plasma Malondialdehyde and Risk of New-Onset Diabetes after Transplantation in Renal Transplant Recipients: A Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 453.	1.0	9
552	Vitamin Status and Diet in Elderly with Low and High Socioeconomic Status: The Lifelines-MINUTHE Study. <i>Nutrients</i> , 2020, 12, 2659.	1.7	9
553	High-Density Lipoprotein Particles and Their Relationship to Posttransplantation Diabetes Mellitus in Renal Transplant Recipients. <i>Biomolecules</i> , 2020, 10, 481.	1.8	9
554	The association between use of proton-pump inhibitors and excess mortality after kidney transplantation: A cohort study. <i>PLoS Medicine</i> , 2020, 17, e1003140.	3.9	9
555	Post-transplantation plasma malondialdehyde is associated with cardiovascular mortality in renal transplant recipients: a prospective cohort study. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 512-519.	0.4	9
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557	Urinary liver-type fatty acid-binding protein is independently associated with graft failure in outpatient kidney transplant recipients. <i>American Journal of Transplantation</i> , 2021, 21, 1535-1544.	2.6	9
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567	Effects of urinary cortisol levels and resting heart rate on the risk for fatal and nonfatal cardiovascular events. <i>Atherosclerosis</i> , 2016, 248, 44-50.	0.4	8
568	Vitamin B-6 deficiency is common and associated with poor long-term outcome in renal transplant recipients. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1344-1350.	2.2	8
569	Circulating Haptoglobin and Metabolic Syndrome in Renal Transplant Recipients. <i>Scientific Reports</i> , 2017, 7, 14264.	1.6	8
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572	Plasma neutrophil gelatinase-associated lipocalin and risk of cardiovascular disease: Findings from the PREVEND prospective cohort study. <i>Clinica Chimica Acta</i> , 2018, 486, 66-75.	0.5	8
573	Circulating Advanced Glycation Endproducts and Long-Term Risk of Cardiovascular Mortality in Kidney Transplant Recipients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1512-1520.	2.2	8
574	Body weight course in the DIAbetes and LifEstyle Cohort Twente (DIALECT-1) – A 20-year observational study. <i>PLoS ONE</i> , 2019, 14, e0218400.	1.1	8
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576	Urinary Oxalate Excretion and Long-Term Outcomes in Kidney Transplant Recipients. <i>Journal of Clinical Medicine</i> , 2019, 8, 2104.	1.0	8

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578	Creatinine synthesis rate and muscle strength and self-reported physical health in dialysis patients. <i>Clinical Nutrition</i> , 2020, 39, 1600-1607.	2.3	8
579	Urinary Excretion of N1-Methylnicotinamide and N1-Methyl-2-Pyridone-5-Carboxamide and Mortality in Kidney Transplant Recipients. <i>Nutrients</i> , 2020, 12, 2059.	1.7	8
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583	Association of Circulating Trimethylamine N-Oxide and Its Dietary Determinants with the Risk of Kidney Graft Failure: Results of the TransplantLines Cohort Study. <i>Nutrients</i> , 2021, 13, 262.	1.7	8
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599	Endogenous urinary glucocorticoid metabolites and mortality in prednisolone-treated renal transplant recipients. <i>Clinical Transplantation</i> , 2020, 34, e13824.	0.8	7
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638	Hemopexin activity is associated with angiotensin II responsiveness in humans. <i>Journal of Hypertension</i> , 2013, 31, 537-542.	0.3	5
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640	Design of stepwise screening for prediabetes and type 2 diabetes based on costs and cases detected. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 1010-1018.	2.4	5
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651	Metabolic syndrome-related dietary pattern and risk of mortality in kidney transplant recipients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1129-1136.	1.1	5
652	Meat intake and risk of mortality and graft failure in kidney transplant recipients. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1505-1517.	2.2	5
653	A metabolomic index based on lipoprotein subfractions and branched chain amino acids is associated with incident hypertension. <i>European Journal of Internal Medicine</i> , 2021, 94, 56-63.	1.0	5
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658	Comment on: Wanic et al. (2008) Exclusion of Polymorphisms in Carnosinase Genes (<i>CNDP1</i> and) Tj ETQq0 0.0 rgBT /Overlock 1 Follow-Up Studies: <i>Diabetes</i> 57:2547â€“2551, 2008. <i>Diabetes</i> , 2008, 57, e16-e16.	0.3	4
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664	Serum uric acid is associated with increased risk of posttransplantation diabetes in kidney transplant recipients: a prospective cohort study. <i>Metabolism: Clinical and Experimental</i> , 2021, 116, 154465.	1.5	4
665	Statin use and incident cardiovascular events in renal transplant recipients. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13594.	1.7	4
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670	Boron Intake and decreased risk of mortality in kidney transplant recipients. <i>European Journal of Nutrition</i> , 2022, 61, 973-984.	1.8	4
671	Proenkephalin and the risk of new-onset heart failure: data from prevention of renal and vascular end-stage disease. <i>Clinical Cardiology</i> , 2021, , .	0.7	4
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675	Copper chelation as a potential treatment for left-ventricular hypertrophy in type 2 diabetes. <i>Diabetologia</i> , 2009, 52, 2244-2244.	2.9	3
676	Twenty-four hour urinary urea excretion and 9-year risk of hypertension. <i>Journal of Hypertension</i> , 2013, 31, 1564-1569.	0.3	3
677	Nonesterified Fatty Acids and Development of Graft Failure in Renal Transplant Recipients. <i>Transplantation</i> , 2013, 95, 1383-1389.	0.5	3
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681	Fish Intake, Circulating Mercury and Mortality in Renal Transplant Recipients. <i>Nutrients</i> , 2018, 10, 1419.	1.7	3
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683	Subclinical thyroid dysfunction and depressive symptoms: protocol for a systematic review and individual participant data meta-analysis of prospective cohort studies. <i>BMJ Open</i> , 2019, 9, e029716.	0.8	3
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687	Aerobic exercise increases post-exercise exogenous protein oxidation in healthy young males. <i>PLoS ONE</i> , 2019, 14, e0225803.	1.1	3
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689	Group IIA Secretary Phospholipase A2 Predicts Graft Failure and Mortality in Renal Transplant Recipients by Mediating Decreased Kidney Function. <i>Journal of Clinical Medicine</i> , 2020, 9, 1282.	1.0	3
690	The association between haemoglobin concentrations and muscle mass determined from urinary creatinine excretion rate: a population-based cohort study. <i>British Journal of Haematology</i> , 2020, 190, e349-e352.	1.2	3
691	Female Specific Association of Low Insulin-Like Growth Factor 1 (IGF1) Levels with Increased Risk of Premature Mortality in Renal Transplant Recipients. <i>Journal of Clinical Medicine</i> , 2020, 9, 293.	1.0	3
692	Muscle mass versus body mass index as predictor of adverse outcome. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 517-518.	2.9	3
693	Reduced Vitamin K Status and Coronavirus Disease 2019: An Epiphenomenon of Impaired Kidney Function?. <i>Clinical Infectious Diseases</i> , 2021, 73, 1324-1325.	2.9	3
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697	Statin Use Is Prospectively Associated With New-Onset Diabetes After Transplantation in Renal Transplant Recipients. <i>Diabetes Care</i> , 2020, 43, 1945-1947.	4.3	3
698	Association of diuretic use with increased risk for long-term post-transplantation diabetes mellitus in kidney transplant recipients. <i>Nephrology Dialysis Transplantation</i> , 2022, , .	0.4	3
699	Higher free triiodothyronine is associated with higher HDL particle concentration and smaller HDL particle size. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, , .	1.8	3
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704	Severe thiamine deficiency complicated by weight loss protects against renal ischaemia-reperfusion injury in rats. <i>CKJ: Clinical Kidney Journal</i> , 2009, 2, 182-183.	1.4	2
705	Assessing magnesium by 24-h urinary excretion. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 240-241.	2.2	2
706	Liver Enzymes and the Development of Posttransplantation Diabetes Mellitus in Renal Transplant Recipients. <i>Transplantation Direct</i> , 2017, 3, e208.	0.8	2
707	Serum paraoxonase activity is inversely related to free thyroxine in euthyroid subjects: The <i>PREVEND</i> Cohort Study. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12860.	1.7	2
708	Estimation of the salt intake distribution of Dutch kidney transplant recipients using 24-h urinary sodium excretion: the potential of external within-person variance. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 641-651.	2.2	2
709	Plasma versus Erythrocyte Vitamin E in Renal Transplant Recipients, and Duality of Tocopherol Species. <i>Nutrients</i> , 2019, 11, 2821.	1.7	2
710	Effect of Vasopressin on the Hypothalamic-Pituitary-Adrenal Axis in ADPKD Patients during V2 Receptor Antagonism. <i>American Journal of Nephrology</i> , 2020, 51, 861-870.	1.4	2
711	Urinary Excretion of 6-Sulfatoxymelatonin, the Main Metabolite of Melatonin, and Mortality in Stable Outpatient Renal Transplant Recipients. <i>Journal of Clinical Medicine</i> , 2020, 9, 525.	1.0	2
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715	Proteoglycan binding as proatherogenic function metric of apoB-containing lipoproteins and chronic kidney graft failure. <i>Journal of Lipid Research</i> , 2021, 62, 100083.	2.0	2
716	Health-Related Quality of Life in Solid Organ Transplant Recipients With vs Without Keratinocyte Carcinoma. <i>JAMA Dermatology</i> , 2020, 156, 464.	2.0	2
717	Androgens and Development of Posttransplantation Diabetes Mellitus in Male Kidney Transplant Recipients: A Post Hoc Analysis of a Prospective Study. <i>Diabetes Care</i> , 2021, 44, 2683-2690.	4.3	2
718	Polyphenols and Novel Insights Into Post-kidney Transplant Complications and Cardiovascular Disease: A Narrative Review. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 751036.	1.1	2
719	Sex differences in associations of comorbidities with incident cardiovascular disease: focus on absolute risk. <i>European Heart Journal Open</i> , 2022, 2, .	0.9	2
720	Atrial fibrillation detected at screening is not a benign condition: outcomes in screen-detected versus clinically detected atrial fibrillation. Results from the <i>Prevention of Renal and Vascular End-stage Disease (PREVEND)</i> study. <i>Open Heart</i> , 2021, 8, e001786.	0.9	2

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721	Ertugliflozin, renoprotection and potential confounding by muscle wasting. <i>Diabetologia</i> , 2022, 65, 906-907.	2.9	2
722	Plasma sodium, extracellular fluid volume, and blood pressure in healthy men. <i>Physiological Reports</i> , 2021, 9, e15103.	0.7	2
723	Urinary Potassium Excretion, Fibroblast Growth Factor 23, and Incident Hypertension in the General Population-Based PREVEND Cohort. <i>Nutrients</i> , 2021, 13, 4532.	1.7	2
724	Nuclear Magnetic Resonance-Measured Ionized Magnesium Is Inversely Associated with Type 2 Diabetes in the Insulin Resistance Atherosclerosis Study. <i>Nutrients</i> , 2022, 14, 1792.	1.7	2
725	Plasma phosphate and all-cause mortality in individuals with and without type 2 diabetes: the Dutch population-based lifelines cohort study. <i>Cardiovascular Diabetology</i> , 2022, 21, 61.	2.7	2
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727	Amino Acid Homeostasis and Fatigue in Chronic Hemodialysis Patients. <i>Nutrients</i> , 2022, 14, 2810.	1.7	2
728	Low thiamine intake and risk of cataract. <i>Ophthalmology</i> , 2001, 108, 1167.	2.5	1
729	Dietary intervention after renal transplantation. <i>Transplantation</i> , 2003, 75, 1604.	0.5	1
730	Crippling of inflammatory markers as predictors of death by dichotomization and multicollinearity. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 2990-2991.	0.4	1
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