

Single-Nephron Glomerular Filtration Rate in Healthy A

New England Journal of Medicine

376, 2349-2357

DOI: [10.1056/nejmoa1614329](https://doi.org/10.1056/nejmoa1614329)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Endothelial Epas1 Deficiency Is Sufficient To Promote Parietal Epithelial Cell Activation and FSGS in Experimental Hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3563-3578.	3.0	20
2	Single-Nephron Glomerular Filtration Rate in Healthy Adults. <i>New England Journal of Medicine</i> , 2017, 377, 1202-1204.	13.9	14
3	Structural and Functional Changes in Human Kidneys with Healthy Aging. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2838-2844.	3.0	254
4	Association of kidney fibrosis with urinary peptides: a path towards non-invasive liquid biopsies?. <i>Scientific Reports</i> , 2017, 7, 16915.	1.6	67
5	Chronic kidney disease. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17088.	18.1	558
6	CKD risk factors are associated with increased single-nephron GFR. <i>Nature Reviews Nephrology</i> , 2017, 13, 443-443.	4.1	5
7	Measurement of Glomerular Filtration Rate as a Diagnostic Test: Old Limitations and New Directions and Challenges Worthy of an Olympic Gold Medal. <i>Advances in Chronic Kidney Disease</i> , 2018, 25, 1-3.	0.6	1
8	CKD in diabetes: diabetic kidney disease versus nondiabetic kidney disease. <i>Nature Reviews Nephrology</i> , 2018, 14, 361-377.	4.1	442
9	Acute Kidney Injury in the Geriatric Population. <i>Contributions To Nephrology</i> , 2018, 193, 149-160.	1.1	23
10	Sex-specific differences in hypertension and associated cardiovascular disease. <i>Nature Reviews Nephrology</i> , 2018, 14, 185-201.	4.1	271
11	Increased Single-Nephron GFR in Normal Adults: Too Much of a Good Thing . . . or Maybe Not?. <i>American Journal of Kidney Diseases</i> , 2018, 71, 312-314.	2.1	9
12	Bringing Renal Biopsy Interpretation Into the Molecular Age With Single-Cell RNA Sequencing. <i>Seminars in Nephrology</i> , 2018, 38, 31-39.	0.6	31
13	The overdriven glomerulus as a cardiovascular risk factor. <i>Kidney International</i> , 2018, 93, 13-15.	2.6	8
15	Renal Hyperfiltration in Adolescents with Type 2 Diabetes: Physiology, Sex Differences, and Implications for Diabetic Kidney Disease. <i>Current Diabetes Reports</i> , 2018, 18, 22.	1.7	33
16	Measuring rat kidney glomerular number and size in vivo with MRI. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F399-F406.	1.3	42
17	Fluctuations of Estimated Glomerular Filtration Rate Outside Kidney Disease Improving Global Outcomes Diagnostic Criteria for Acute Kidney Injury in End-Stage Liver Disease Outpatients and Outcome Postliver Transplantation. <i>Transplantation Direct</i> , 2018, 4, e222.	0.8	0
18	Systems biology approaches to identify disease mechanisms and facilitate targeted therapy in the management of glomerular disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2018, 27, 433-439.	1.0	6
19	Morphologic and morphometric study on microvasculature of developing mouse kidneys. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F852-F860.	1.3	5

#	ARTICLE	IF	CITATIONS
20	A Quantitative Systems Pharmacology Kidney Model of Diabetes Associated Renal Hyperfiltration and the Effects of <scp>SGLT</scp> Inhibitors. CPT: Pharmacometrics and Systems Pharmacology, 2018, 7, 788-797.	1.3	14
21	Haemodynamic or metabolic stimulation tests to reveal the renal functional response: requiem or revival?. CKJ: Clinical Kidney Journal, 2018, 11, 623-654.	1.4	20
22	Office and Ambulatory Heart Rate as Predictors of Age-Related Kidney Function Decline. Hypertension, 2018, 72, 594-601.	1.3	7
23	Association of Albuminuria With Intraglomerular Hydrostatic Pressure and Insulin Resistance in Subjects With Impaired Fasting Glucose and/or Impaired Glucose Tolerance. Diabetes Care, 2018, 41, 2414-2420.	4.3	29
24	Clinical and Pathology Findings Associate Consistently with Larger Glomerular Volume. Journal of the American Society of Nephrology: JASN, 2018, 29, 1960-1969.	3.0	33
25	Overweight young female kidney donors have low renal functional reserve postdonation. American Journal of Physiology - Renal Physiology, 2018, 315, F454-F459.	1.3	9
26	Uromodulin and Nephron Mass. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1556-1557.	2.2	44
27	A cross-sectional study on the relationship between hematological data and quantitative morphological indices from kidney biopsies in different glomerular diseases. BMC Nephrology, 2018, 19, 62.	0.8	18
28	Renal functional reserve capacity before and after living kidney donation. American Journal of Physiology - Renal Physiology, 2018, 315, F1550-F1554.	1.3	20
29	The age-calibrated measured glomerular filtration rate improves living kidney donation selection process. Kidney International, 2018, 94, 616-624.	2.6	28
30	Postnatal podocyte gain: Is the jury still out?. Seminars in Cell and Developmental Biology, 2019, 91, 147-152.	2.3	10
31	In vivo measurements of kidney glomerular number and size in healthy and Os/+ mice using MRI. American Journal of Physiology - Renal Physiology, 2019, 317, F865-F873.	1.3	24
32	Why Do Patients With Well-Controlled Vascular Risk Factors Develop Progressive Chronic Kidney Disease?. Canadian Journal of Cardiology, 2019, 35, 1170-1180.	0.8	7
33	Glomerular Volume and Glomerulosclerosis at Different Depths within the Human Kidney. Journal of the American Society of Nephrology: JASN, 2019, 30, 1471-1480.	3.0	39
34	Renal hemodynamics and fatty acid uptake: effects of obesity and weight loss. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E871-E878.	1.8	25
35	CKD: A Call for an Age-Adapted Definition. Journal of the American Society of Nephrology: JASN, 2019, 30, 1785-1805.	3.0	198
37	A Multicenter Clinical Study of Single-Kidney Transplantation vs En Bloc Transplantation with Kidneys from Deceased Pediatric Donors. Transplantation Proceedings, 2019, 51, 3252-3258.	0.3	3
38	Larger nephron size, low nephron number, and nephrosclerosis on biopsy as predictors of kidney function after donating a kidney. American Journal of Transplantation, 2019, 19, 1989-1998.	2.6	39

#	ARTICLE	IF	CITATIONS
39	Beyond chronic kidney disease: the diagnosis of Renal Disease in the Elderly as an unmet need. A position paper endorsed by Italian Society of Nephrology (SIN) and Italian Society of Geriatrics and Gerontology (SIGG). <i>Journal of Nephrology</i> , 2019, 32, 165-176.	0.9	21
40	Correlation Between Baseline GFR and Subsequent Change in GFR in Norwegian Adults Without Diabetes and in Pima Indians. <i>American Journal of Kidney Diseases</i> , 2019, 73, 777-785.	2.1	34
41	High degree of pharmacokinetic compatibility exists between the five-herb medicine XueBijing and antibiotics comedicated in sepsis care. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1035-1049.	5.7	27
42	Hyperfiltration. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 789-791.	2.2	3
43	Impaired $\text{SIRT}1$ activity leads to diminution in glomerular endowment without accelerating age-associated GFR decline. <i>Physiological Reports</i> , 2019, 7, e14044.	0.7	4
44	Ageing Vs. Hypertension: An Autopsy Study of Sclerotic Renal Histopathological Lesions in Adults With Normal Renal Function. <i>American Journal of Hypertension</i> , 2019, 32, 676-683.	1.0	8
46	How Do Kidneys Adapt to a Deficit or Loss in Nephron Number?. <i>Physiology</i> , 2019, 34, 189-197.	1.6	34
47	Impact of errors of creatinine and cystatin C equations in the selection of living kidney donors. <i>CKJ: Clinical Kidney Journal</i> , 2019, 12, 748-755.	1.4	14
48	Elevated Serum Uric Acid Is Associated With Greater Risk for Hypertension and Diabetic Kidney Diseases in Obese Adolescents With Type 2 Diabetes: An Observational Analysis From the Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY) Study. <i>Diabetes Care</i> , 2019, 42, 1120-1128.	4.3	68
49	Consequences of Glomerular Hyperfiltration: The Role of Physical Forces in the Pathogenesis of Chronic Kidney Disease in Diabetes and Obesity. <i>Nephron</i> , 2019, 143, 38-42.	0.9	138
50	Renal Hemodynamic Function and RAAS Activation Over the Natural History of Type 1 Diabetes. <i>American Journal of Kidney Diseases</i> , 2019, 73, 786-796.	2.1	15
51	Impact of estimation versus direct measurement of predonation glomerular filtration rate on the eligibility of potential living kidney donors. <i>Kidney International</i> , 2019, 95, 896-904.	2.6	31
52	Utility of Urine Biomarkers and Electrolytes for the Management of Heart Failure. <i>Current Heart Failure Reports</i> , 2019, 16, 240-249.	1.3	12
53	In-vivo techniques for determining nephron number. <i>Current Opinion in Nephrology and Hypertension</i> , 2019, 28, 545-551.	1.0	18
54	Surgical Management of the Renal Transplant Recipient. , 2019, , 582-590.e3.		0
55	Pre- and postdonation kidney function in donors of a kidney paired donation with unique criteria for donor glomerular filtration rate - a longitudinal cohort analysis. <i>Transplant International</i> , 2019, 32, 291-299.	0.8	6
56	Comparison of high glomerular filtration rate thresholds for identifying hyperfiltration. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 1017-1026.	0.4	14
57	Kidney size in relation to ageing, gender, renal function, birthweight and chronic kidney disease risk factors in a general population. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 640-647.	0.4	33

#	ARTICLE	IF	CITATIONS
58	Measured and estimated glomerular filtration rate: current status and future directions. <i>Nature Reviews Nephrology</i> , 2020, 16, 51-64.	4.1	166
59	Slowing Progression of Chronic Kidney Disease. , 2020, , 937-959.		2
60	Assessing Kidney Function. , 2020, , 37-54.		1
61	Aging and the Kidney: Clinical and Pathophysiologic Issues. , 2020, , 249-262.		1
62	Clinical consequences of developmental programming of low nephron number. <i>Anatomical Record</i> , 2020, 303, 2613-2631.	0.8	44
63	Progressive Nephron Loss in Aging Kidneys: Clinical“Structural Associations Investigated by Two Anatomical Methods. <i>Anatomical Record</i> , 2020, 303, 2526-2536.	0.8	12
64	The New Biology of Diabetic Kidney Disease“Mechanisms and Therapeutic Implications. <i>Endocrine Reviews</i> , 2020, 41, 202-231.	8.9	77
65	Evaluation of kidney function throughout the heart failure trajectory““A position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2020, 22, 584-603.	2.9	213
66	“Should the definition of CKD be changed to include age-adapted GFR criteria?“• <i>Kidney International</i> , 2020, 97, 37-40.	2.6	28
67	Should the definition of CKD be changed to include age-adapted GFR criteria? YES. <i>Kidney International</i> , 2020, 97, 34-37.	2.6	37
68	Do sodium-glucose cotransporter-2 inhibitors affect renal hemodynamics by different mechanisms in type 1 and type 2 diabetes?. <i>Kidney International</i> , 2020, 97, 31-33.	2.6	7
69	Nephron loss detected by MRI following neonatal acute kidney injury in rabbits. <i>Pediatric Research</i> , 2020, 87, 1185-1192.	1.1	28
70	Nephron Number and Time to Remission in Steroid-Sensitive Minimal Change Disease. <i>Kidney Medicine</i> , 2020, 2, 559-568.e1.	1.0	6
71	CD44 impacts glomerular parietal epithelial cell changes in the aged mouse kidney. <i>Physiological Reports</i> , 2020, 8, e14487.	0.7	3
72	Physiology and Pathophysiology of Compensatory Adaptations of a Solitary Functioning Kidney. <i>Frontiers in Physiology</i> , 2020, 11, 725.	1.3	37
73	Living Kidney Donor Evaluation. <i>Transplantation</i> , 2020, 104, 2487-2496.	0.5	20
74	Renal Function and Heart Failure: Assessment, Goals, and Perioperative Implications. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 3175-3179.	0.6	0
75	Use of Dietary Supplements in Living Kidney Donors: “Critical Review. <i>American Journal of Kidney Diseases</i> , 2020, 76, 851-860.	2.1	2

#	ARTICLE	IF	CITATIONS
76	Predictive effect of salt intake on patient and kidney survival in non-dialysis CKD: competing risk analysis in older versus younger patients under nephrology care. <i>Nephrology Dialysis Transplantation</i> , 2020, 36, 2232-2240.	0.4	7
77	Reference values and sex differences in absolute and relative kidney size. A Swiss autopsy study. <i>BMC Nephrology</i> , 2020, 21, 289.	0.8	18
78	Understanding sex differences in progression and prognosis of chronic kidney disease. <i>Annals of Translational Medicine</i> , 2020, 8, 897-897.	0.7	10
79	Complement C3 deficiency ameliorates aging related changes in the kidney. <i>Life Sciences</i> , 2020, 260, 118370.	2.0	10
80	Association of obesity and muscle mass with risk of albuminuria in renal transplant recipients. <i>Journal of Nephrology</i> , 2021, 34, 1315-1325.	0.9	5
81	Renal disorders in pregnancy. <i>Journal of Laboratory and Precision Medicine</i> , 0, 5, 18-18.	1.1	1
82	Sodium-coupled glucose transport, the SLC5 family, and therapeutically relevant inhibitors: from molecular discovery to clinical application. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 1177-1206.	1.3	53
83	Dietary Protein Intake and Single-Nephron Glomerular Filtration Rate. <i>Nutrients</i> , 2020, 12, 2549.	1.7	13
84	Obesity-Related Glomerulopathy and Single-Nephron GFR. <i>Kidney International Reports</i> , 2020, 5, 1126-1128.	0.4	12
85	The Effect of Kidney Biopsy on Glomerular Filtration Rate: A Frequent Patient Concern. <i>American Journal of Nephrology</i> , 2020, 51, 903-906.	1.4	2
86	SGLT2 inhibition requires reconsideration of fundamental paradigms in chronic kidney disease, "diabetic nephropathy", IgA nephropathy and podocytopathies with FSGS lesions. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 1609-1615.	0.4	30
87	Nephroprotective effects of GLP-1 receptor agonists: where do we stand?. <i>Journal of Nephrology</i> , 2020, 33, 965-975.	0.9	26
88	Predonation Single Kidney Glomerular Filtration Rate in Living Kidney Transplantation to Predict Graft Function and Donor Functional Gain. <i>Transplantation Proceedings</i> , 2020, 52, 712-721.	0.3	2
89	A high normal ankle-brachial index is associated with biopsy-proven severe renal small artery intimal thickening and impaired renal function in chronic kidney disease. <i>Hypertension Research</i> , 2020, 43, 929-937.	1.5	3
90	Low birth weight trends: possible impacts on the prevalences of hypertension and chronic kidney disease. <i>Hypertension Research</i> , 2020, 43, 859-868.	1.5	33
91	A longitudinal analysis of the relationship between serum uric acid and residual renal function loss in peritoneal dialysis patients. <i>Renal Failure</i> , 2020, 42, 447-454.	0.8	8
92	Expected and Observed Glomerular Filtration Rates in Kidney Transplant Patients Converted to Once Daily Tacrolimus: 10 Years of Follow-up. <i>Transplantation Proceedings</i> , 2020, 52, 1547-1551.	0.3	0
93	GFR in Healthy Aging: an Individual Participant Data Meta-Analysis of Iohexol Clearance in European Population-Based Cohorts. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1602-1615.	3.0	68

#	ARTICLE	IF	CITATIONS
94	Estimation of Intraglomerular Pressure Using Invasive Renal Arterial Pressure and Flow Velocity Measurements in Humans. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1905-1914.	3.0	7
95	Case report: increased single-nephron estimated glomerular filtration rate in an adult patient with low birth weight. <i>BMC Nephrology</i> , 2020, 21, 75.	0.8	0
96	How to assess kidney function in oncology patients. <i>Kidney International</i> , 2020, 97, 894-903.	2.6	9
97	Global transcriptomic changes occur in aged mouse podocytes. <i>Kidney International</i> , 2020, 98, 1160-1173.	2.6	23
98	Distribution of urinary gamma-glutamyltransferase activity in 40- to 74-year-old Japanese women. <i>Practical Laboratory Medicine</i> , 2020, 20, e00161.	0.6	0
99	Single-Nephron GFR in Patients With Obesity-Related Glomerulopathy. <i>Kidney International Reports</i> , 2020, 5, 1218-1227.	0.4	17
100	Cellular and Molecular Probing of Intact Human Organs. <i>Cell</i> , 2020, 180, 796-812.e19.	13.5	187
101	A Systematic Review of Renal Functional Reserve in Adult Living Kidney Donors. <i>Kidney International Reports</i> , 2020, 5, 448-458.	0.4	18
102	A Primer on Congenital Anomalies of the Kidneys and Urinary Tracts (CAKUT). <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 723-731.	2.2	91
103	Magnetic resonance imaging accurately tracks kidney pathology and heterogeneity in the transition from acute kidney injury to chronic kidney disease. <i>Kidney International</i> , 2021, 99, 173-185.	2.6	20
104	Predicting the protein composition of human urine in normal and pathological states: Quantitative description based on Dent1 disease (CLCN5 mutation). <i>Journal of Physiology</i> , 2021, 599, 323-341.	1.3	12
105	The Effect of Aging Physiology on Critical Care. <i>Critical Care Clinics</i> , 2021, 37, 135-150.	1.0	9
106	Quantitative morphometrics reveals glomerular changes in patients with infrequent segmentally sclerosed glomeruli. <i>Journal of Clinical Pathology</i> , 2022, 75, 121-127.	1.0	9
107	Determinants of the Glomerular Maximal Size Threshold. <i>Kidney and Blood Pressure Research</i> , 2021, 46, 393-395.	0.9	0
108	Risk Assessment Tools and Innovations in Living Kidney Donation. , 2021, , 283-289.		1
109	The Association between Glomerular Diameter and Secondary Focal Segmental Glomerulosclerosis in Chronic Kidney Disease. <i>Kidney and Blood Pressure Research</i> , 2021, 46, 433-440.	0.9	4
111	Aging-Related Kidney Diseases. <i>Contributions To Nephrology</i> , 2021, 199, 266-273.	1.1	8
112	Pathophysiology of diabetic kidney disease: impact of SGLT2 inhibitors. <i>Nature Reviews Nephrology</i> , 2021, 17, 319-334.	4.1	244

#	ARTICLE	IF	CITATIONS
113	Assessment of nephron number and single-nephron glomerular filtration rate in a clinical setting. Hypertension Research, 2021, 44, 605-617.	1.5	12
114	Mapping nephron mass in vivo using positron emission tomography. American Journal of Physiology - Renal Physiology, 2021, 320, F183-F192.	1.3	7
115	Total Nephron Number and Single-Nephron Parameters in Patients with IgA Nephropathy. Kidney360, 2021, 2, 828-841.	0.9	3
116	Kidney Histology, Kidney Function, and Age. American Journal of Kidney Diseases, 2021, 77, 312-314.	2.1	3
117	Which Patients with Obesity Are at Risk for Renal Disease?. Nephron, 2021, 145, 595-603.	0.9	9
118	The impact of baseline glomerular filtration rate on subsequent changes of glomerular filtration rate in patients with chronic kidney disease. Scientific Reports, 2021, 11, 7894.	1.6	5
119	Back off to better blow up: acute GFR decrease at SGLT-2 inhibitor initiation. Kidney International, 2021, 99, 814-816.	2.6	1
120	Sodium-Glucose Cotransporter ² Inhibitors in Patients with Non-Diabetic Chronic Kidney Disease. Advances in Therapy, 2021, 38, 2201-2212.	1.3	23
121	Kidney age - chronological age difference (KCD) score provides an age-adapted measure of kidney function. BMC Nephrology, 2021, 22, 152.	0.8	5
122	Correlation of Kidney Size on Computed Tomography with GFR, Creatinine and HbA1C for an Accurate Diagnosis of Patients with Diabetes and/or Chronic Kidney Disease. Diagnostics, 2021, 11, 789.	1.3	3
123	Optimal Protein Intake in Pre-Dialysis Chronic Kidney Disease Patients with Sarcopenia: An Overview. Nutrients, 2021, 13, 1205.	1.7	16
125	Sexual Dimorphism of Corticosteroid Signaling during Kidney Development. International Journal of Molecular Sciences, 2021, 22, 5275.	1.8	5
126	Association between procurement biopsy findings and deceased donor kidney outcomes: a paired kidney analysis. Transplant International, 2021, 34, 1239-1250.	0.8	8
127	Acute kidney injury. Nature Reviews Disease Primers, 2021, 7, 52.	18.1	509
128	Acute kidney injury and its progression in hospitalized patientsâ€”Results from a retrospective multicentre cohort study with a digital decision support system. PLoS ONE, 2021, 16, e0254608.	1.1	9
129	Causal linkage between adult height and kidney function: An integrated population-scale observational analysis and Mendelian randomization study. PLoS ONE, 2021, 16, e0254649.	1.1	2
130	Sodiumâ€”Glucose Cotransporter 2 Inhibitors and the Kidney. Diabetes Spectrum, 2021, 34, 225-234.	0.4	1
131	Associations of CKD risk factors and longitudinal changes in urine biomarkers of kidney tubules among women living with HIV. BMC Nephrology, 2021, 22, 296.	0.8	4

#	ARTICLE	IF	CITATIONS
132	Image analysis techniques to map pyramids, pyramid structure, glomerular distribution, and pathology in the intact human kidney from 3-D MRI. American Journal of Physiology - Renal Physiology, 2021, 321, F293-F304.	1.3	8
134	Assessment of pre-donation glomerular filtration rate: going back to basics. Nephrology Dialysis Transplantation, 2022, 37, 430-437.	0.4	7
135	Renal hemodynamic effects differ between antidiabetic combination strategies: randomized controlled clinical trial comparing empagliflozin/linagliptin with metformin/insulin glargine. Cardiovascular Diabetology, 2021, 20, 178.	2.7	10
136	Tissue Is the Issue: Kidney Biopsy Findings and Long-term Outcomes in Living Kidney Donors. Mayo Clinic Proceedings, 2021, 96, 10-12.	1.4	0
137	Renal Aging Resembles a Continuum Between Normal and Diseased Kidneys That Potentiates Inflammatory Response to Injury. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 385-392.	1.7	4
138	Role of sodium-glucose cotransporter 2 inhibition to mitigate diabetic kidney disease risk in type 1 diabetes. Nephrology Dialysis Transplantation, 2020, 35, i24-i32.	0.4	15
139	New insights on glomerular hyperfiltration: a Japanese autopsy study. JCI Insight, 2017, 2, .	2.3	57
140	Few Gender Differences in Attitudes and Experiences after Live Kidney Donation, with Minor Changes Over Time. Annals of Transplantation, 2017, 22, 773-779.	0.5	7
141	Understanding the Link between Neighborhoods and Kidney Disease. Kidney360, 2020, 1, 845-854.	0.9	6
142	Risk factors and urinary biomarkers of non-albuminuric and albuminuric chronic kidney disease in patients with type 2 diabetes. World Journal of Diabetes, 2019, 10, 517-533.	1.3	11
143	Renal transplants from older deceased donors: Is pre-implantation biopsy useful? A monocentric observational clinical study. World Journal of Transplantation, 2018, 8, 110-121.	0.6	5
144	The number of nephrons in different glomerular diseases. PeerJ, 2019, 7, e7640.	0.9	5
145	Obesity-Related Glomerulopathy: Clinical Management. Seminars in Nephrology, 2021, 41, 358-370.	0.6	6
146	The Renal Pathology of Obesity: Structure-Function Correlations. Seminars in Nephrology, 2021, 41, 296-306.	0.6	7
147	Insufici�ncia renal cr�nica como fator de risco para insufici�ncia card�aca. Research, Society and Development, 2021, 10, e422101321496.	0.0	0
148	Age-adapted percentiles of measured glomerular filtration in healthy individuals: extrapolation to living kidney donors over 65�years. Clinical Chemistry and Laboratory Medicine, 2022, 60, 401-407.	1.4	7
149	A novel hypothesis linking low�grade ketonaemia to cardio�renal benefits with sodium�glucose cotransporter�2 inhibitors. Diabetes, Obesity and Metabolism, 2022, 24, 3-11.	2.2	6
150	Renal Hemodynamics in Diabetic Kidney Disease: Relevance for Intervention. , 2019, , 293-304.		0

#	ARTICLE	IF	CITATIONS
152	Short adult height increases the risk of end-stage renal disease in type 2 diabetes. <i>Endocrine Connections</i> , 2020, 9, 912-921.	0.8	0
153	The Kidney in Normal Aging. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2022, 17, 137-139.	2.2	15
154	Klotho in kidney diseases: a crosstalk between the renin-angiotensin system and endoplasmic reticulum stress. <i>Nephrology Dialysis Transplantation</i> , 2023, 38, 819-825.	0.4	7
155	Estimating Nephron Number from Biopsies: Impact on Clinical Studies. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 39-48.	3.0	9
156	Plasma copeptin is increased and associated with smaller kidney volume in young adults born very preterm. <i>CKJ: Clinical Kidney Journal</i> , 2022, 15, 709-717.	1.4	0
157	Obesity Related Glomerulopathy in Adolescent Women: The Effect of Body Surface Area. <i>Kidney360</i> , 2022, 3, 113-121.	0.9	5
158	Short adult height increases the risk of end-stage renal disease in type 2 diabetes. <i>Endocrine Connections</i> , 2020, 9, 912-921.	0.8	1
159	Extending the ambit of SGLT2 inhibitors beyond diabetes: a review of clinical and preclinical studies on non-diabetic kidney disease. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 1513-1526.	1.3	3
162	Healthy and unhealthy aging on kidney structure and function. <i>Current Opinion in Nephrology and Hypertension</i> , 2022, Publish Ahead of Print, .	1.0	5
163	Autopsy study examining non-chronic kidney disease versus chronic kidney disease caused by hypertensive-nephrosclerosis in elderly subjects. <i>Clinical and Experimental Nephrology</i> , 2022, , 1.	0.7	0
164	Nephron overload as a therapeutic target to maximize kidney lifespan. <i>Nature Reviews Nephrology</i> , 2022, 18, 171-183.	4.1	28
165	High Estimated Glomerular Filtration Rate Is Associated With Worse Cognitive Performance in the Hypertensive Population: Results From the China H-Type Hypertension Registry Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 706928.	1.7	5
166	Markers of structural and cellular renal damage in localized renal cell carcinoma before treatment. <i>South Russian Journal of Cancer</i> , 2022, 3, 31-39.	0.1	0
167	Delivering on the potential of measuring nephron number in the clinic. <i>Nature Reviews Nephrology</i> , 2022, 18, 271-272.	4.1	3
168	Renal effects of guideline-directed medical therapies in heart failure: a consensus document from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2022, 24, 603-619.	2.9	57
170	Glomerular hyperfiltration. <i>Nature Reviews Nephrology</i> , 2022, 18, 435-451.	4.1	60
171	Kidney glomerular filtration rate plasticity after transplantation. <i>CKJ: Clinical Kidney Journal</i> , 2022, 15, 841-844.	1.4	1
172	Empagliflozin Reduces Renal Hyperfiltration in Response to Uninephrectomy, but Is Not Nephroprotective in UNx/DOCA/Salt Mouse Models. <i>Frontiers in Pharmacology</i> , 2021, 12, 761855.	1.6	12

#	ARTICLE	IF	CITATIONS
173	Development of a Porcine Slaughterhouse Kidney Perfusion Model. <i>Transplantology</i> , 2022, 3, 6-19.	0.3	2
174	Mechanisms of podocyte injury and implications for diabetic nephropathy. <i>Clinical Science</i> , 2022, 136, 493-520.	1.8	42
175	Single nephron glomerular filtration rate measured by linescan multiphoton microscopy compared to conventional micropuncture. <i>Pflugers Archiv European Journal of Physiology</i> , 2022, , 1.	1.3	10
176	Three-Dimensional Kidney-on-a-Chip Assessment of Contrast-Induced Kidney Injury: Osmolality and Viscosity. <i>Micromachines</i> , 2022, 13, 688.	1.4	7
177	Intravital Imaging with Two-Photon Microscopy: A Look into the Kidney. <i>Photonics</i> , 2022, 9, 294.	0.9	4
179	Urate Transporter ABCG2 Function and Asymptomatic Hyperuricemia: A Retrospective Cohort Study of CKD Progression. <i>American Journal of Kidney Diseases</i> , 2023, 81, 134-144.e1.	2.1	8
180	Renal Sinus Fat Is Expanded in Patients with Obesity and/or Hypertension and Reduced by Bariatric Surgery Associated with Hypertension Remission. <i>Metabolites</i> , 2022, 12, 617.	1.3	12
181	Physiology of the Aging Kidney. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2022, 17, CJN.06880622.	2.2	0
182	Prediction of Renal Function in Living Kidney Donors and Recipients of Living Donor Kidneys Using Quantitative Histology. <i>Transplantation</i> , 0, Publish Ahead of Print, .	0.5	1
183	Urinary Microbiota Shift is Associated with a Decline in Renal Function in the Aging Kidney. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
184	UMOD and the architecture of kidney disease. <i>Pflugers Archiv European Journal of Physiology</i> , 2022, 474, 771-781.	1.3	11
185	Recommendations for living donor kidney transplantation. <i>Nefrologia</i> , 2022, 42, 5-132.	0.2	2
186	Molecular programs associated with glomerular hyperfiltration in early diabetic kidney disease. <i>Kidney International</i> , 2022, 102, 1345-1358.	2.6	10
187	Glomerular filtration in the aging population. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	7
188	Mapping single-nephron filtration in the isolated, perfused rat kidney using magnetic resonance imaging. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 323, F602-F611.	1.3	2
189	Age-adapted $eGFR$ thresholds underestimate the risks beyond kidney failure associated with CKD in older populations. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 3660-3664.	1.3	3
190	Novel Insights in the Physiopathology and Management of Obesity-Related Kidney Disease. <i>Nutrients</i> , 2022, 14, 3937.	1.7	7
191	Evolving Concepts in Uromodulin Biology, Physiology, and Its Role in Disease: a Tale of Two Forms. <i>Hypertension</i> , 2022, 79, 2409-2418.	1.3	6

#	ARTICLE	IF	CITATIONS
192	Long-Term Outcomes for Living Donors. , 2022, , 221-235.		0
193	Progression of chronic kidney disease in non- dialysis patients: a retrospective cohort. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	0
194	Organ Crosstalk in Acute Kidney Injury: Evidence and Mechanisms. Journal of Clinical Medicine, 2022, 11, 6637.	1.0	8
195	Changes in Glomerular Volume, Sclerosis, and Ischemia at 5 Years after Kidney Transplantation: Incidence and Correlation with Late Graft Failure. Journal of the American Society of Nephrology: JASN, 2023, 34, 346-358.	3.0	5
196	Glomerular hyperfiltration: part 1 “defining the threshold” is the sky the limit?. Pediatric Nephrology, 2023, 38, 2523-2527.	0.9	8
197	Visualizing Structural Underpinnings of DOHaD. , 2022, , 133-145.		1
198	Dapagliflozin Prevents High-Glucose-Induced Cellular Senescence in Renal Tubular Epithelial Cells. International Journal of Molecular Sciences, 2022, 23, 16107.	1.8	3
199	Cardiometabolic and Renal DOHaD Outcomes in Offspring of Complicated Pregnancy. , 2022, , 85-99.		1
200	Sodium“glucose cotransporter inhibitors and kidney fibrosis: review of the current evidence and related mechanisms. Pharmacological Reports, 2023, 75, 44-68.	1.5	6
201	Short-term evaluation of renal markers in overweight adult cats. Veterinary Medicine and Science, 2023, 9, 572-578.	0.6	1
203	Pathological and clinical characteristics of late-onset oligomeganephronia based on a histomorphometric study. BMC Nephrology, 2023, 24, .	0.8	1
204	Chronic Kidney Disease in Rural Population. Acta Clinica Croatica, 2022, , .	0.1	0
205	Renal Functional Response-Association With Birth Weight and Kidney Volume. Kidney International Reports, 2023, , .	0.4	2
206	Targeting Glomerular Hemodynamics for Kidney Protection. , 2023, 30, 71-84.		2
207	Prediction of cardiovascular death and non-fatal cardiovascular events by the Kidney age“Chronological age Difference (KCD) score in men and women of different ages in a community-based cohort. BMJ Open, 2023, 13, e068494.	0.8	0
208	Aux sources de la comprÃ©hension de la maladie rÃ©nale chronique. Medecine/Sciences, 2023, 39, 265-270.	0.0	0
209	An Improved Method for Estimating Nephron Number and the Association of Resulting Nephron Number Estimates with Chronic Kidney Disease Outcomes. Journal of the American Society of Nephrology: JASN, 2023, 34, 1264-1278.	3.0	5
210	Efficacy and Safety of Sodium-Glucose Cotransporter-2 Inhibitors in Nondiabetic Patients with Chronic Kidney Disease: A Review of Recent Evidence. Kidney Diseases (Basel, Switzerland), 2023, 9, 326-341.	1.2	0

#	ARTICLE	IF	CITATIONS
211	Chronic Kidney Disease, Heart Failure, and Adverse Cardiac Remodeling in Older Adults. JACC: Heart Failure, 2023, , .	1.9	0
221	Synthesis and Expression of a Targeted, Ferritin-Based Tracer for PET Imaging of Kidney Glomeruli. Methods in Molecular Biology, 2023, , 201-213.	0.4	0
229	Sex differences in renal transporters: assessment and functional consequences. Nature Reviews Nephrology, 2024, 20, 21-36.	4.1	7
237	Tools and Techniques to Map Glomerular Distribution and Nephron Function Using MRI. , 2023, , 331-341.		0