Katalin Susztak

List of Publications by Year
in descending order

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199
papers

19,040
citations

17440
63
h-index

14759
127
g-index

217
all docs

217
docs citations

217
times ranked

22522
citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 T	9.1	1,430
2	Defective fatty acid oxidation in renal tubular epithelial cells has a key role in kidney fibrosis development. Nature Medicine, 2015, 21, 37-46.	30.7	1,007
3	Single-cell transcriptomics of the mouse kidney reveals potential cellular targets of kidney disease. Science, 2018, 360, 758-763.	12.6	797
4	Molecular mechanisms of diabetic kidney disease. Journal of Clinical Investigation, 2014, 124, 2333-2340.	8.2	658
5	Mouse Models of Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2009, 20, 2503-2512.	6.1	582
6	Diabetic kidney disease. Nature Reviews Disease Primers, 2015, 1, 15018.	30.5	542
7	Bulk tissue cell type deconvolution with multi-subject single-cell expression reference. Nature Communications, 2019, 10, 380.	12.8	526
8	Glucose-induced reactive oxygen species cause apoptosis of podocytes and podocyte depletion at the onset of diabetic nephropathy. Diabetes, 2006, 55, 225-33.	0.6	511
9	Transcriptome Analysis of Human Diabetic Kidney Disease. Diabetes, 2011, 60, 2354-2369.	0.6	453
10	Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis. Nature Genetics, 2020, 52, 680-691.	21.4	445
11	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	12.8	412
12	The Notch pathway in podocytes plays a role in the development of glomerular disease. Nature Medicine, 2008, 14, 290-298.	30.7	368
13	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. Nature Genetics, 2019, 51, 51-62.	21.4	328
14	Mitochondrial Damage and Activation of the STING Pathway Lead to Renal Inflammation and Fibrosis. Cell Metabolism, 2019, 30, 784-799.e5.	16.2	320
15	Epithelial Notch signaling regulates interstitial fibrosis development in the kidneys of mice and humans. Journal of Clinical Investigation, 2010, 120, 4040-4054.	8.2	306
16	Developmental signalling pathways in renal fibrosis: the roles of Notch, Wnt and Hedgehog. Nature Reviews Nephrology, 2016, 12, 426-439.	9.6	291
17	Transgenic expression of human APOL1 risk variants in podocytes induces kidney disease in mice. Nature Medicine, 2017, 23, 429-438.	30.7	282
18	A signature of circulating inflammatory proteins and development of end-stage renal disease in diabetes. Nature Medicine, 2019, 25, 805-813.	30.7	260

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19	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474.	21.4	251
20	Podocytopathies. Nature Reviews Disease Primers, 2020, 6, 68.	30.5	237
21	Emerging role of autophagy in kidney function, diseases and aging. Autophagy, 2012, 8, 1009-1031.	9.1	228
22	The next generation of therapeutics for chronic kidney disease. Nature Reviews Drug Discovery, 2016, 15, 568-588.	46.4	201
23	Single cell transcriptomics identifies a unique adipose lineage cell population that regulates bone marrow environment. ELife, 2020, 9, .	6.0	191
24	Cytosine methylation changes in enhancer regions of core pro-fibrotic genes characterize kidney fibrosis development. Genome Biology, 2013, 14, R108.	9.6	187
25	Multiple Metabolic Hits Converge on CD36 as Novel Mediator of Tubular Epithelial Apoptosis in Diabetic Nephropathy. PLoS Medicine, 2005, 2, e45.	8.4	180
26	Deep learning enables accurate clustering with batch effect removal in single-cell RNA-seq analysis. Nature Communications, 2020, 11, 2338.	12.8	180
27	Renal compartmentâ€“specific genetic variation analyses identify new pathways in chronic kidney disease. Nature Medicine, 2018, 24, 1721-1731.	30.7	170
28	Wnt/Î²-Catenin Pathway in Podocytes Integrates Cell Adhesion, Differentiation, and Survival. Journal of Biological Chemistry, 2011, 286, 26003-26015.	3.4	166
29	Smad3 and Smad4 Mediate Transcriptional Activation of the Human Smad7 Promoter by Transforming Growth Factor Î². Journal of Biological Chemistry, 2000, 275, 11320-11326.	3.4	158
30	Sox9-Positive Progenitor Cells Play a Key Role in Renal Tubule Epithelial Regeneration in Mice. Cell Reports, 2016, 14, 861-871.	6.4	154
31	Expression of Notch pathway proteins correlates with albuminuria, glomerulosclerosis, and renal function. Kidney International, 2010, 78, 514-522.	5.2	153
32	Renal tubule Cpt1a overexpression protects from kidney fibrosis by restoring mitochondrial homeostasis. Journal of Clinical Investigation, 2021, 131, .	8.2	147
33	Podocytes: the Weakest Link in Diabetic Kidney Disease?. Current Diabetes Reports, 2016, 16, 45.	4.2	146
34	Epigenome-wide association studies identify DNA methylation associated with kidney function. Nature Communications, 2017, 8, 1286.	12.8	145
35	Tracking the fate of glomerular epithelial cells in vivo using serial multiphoton imaging in new mouse models with fluorescent lineage tags. Nature Medicine, 2013, 19, 1661-1666.	30.7	143
36	Adiponectin Promotes Functional Recovery after Podocyte Ablation. Journal of the American Society of Nephrology: JASN, 2013, 24, 268-282.	6.1	142

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37	The Evolving Understanding of the Contribution of Lipid Metabolism to Diabetic Kidney Disease. Current Diabetes Reports, 2015, 15, 40.	4.2	136
38	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. Journal of the American Society of Nephrology: JASN, 2019, 30, 2000-2016.	6.1	135
39	Molecular Profiling of Diabetic Mouse Kidney Reveals Novel Genes Linked to Glomerular Disease. Diabetes, 2004, 53, 784-794.	0.6	134
40	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. Nature Communications, 2019, 10, 4130.	12.8	133
41	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. Diabetes, 2016, 65, 803-817.	0.6	131
42	Poly(ADP-Ribose) Polymerase Inhibitors Ameliorate Nephropathy of Type 2 Diabetic Lepr<i>db/db</i>Mice. Diabetes, 2006, 55, 3004-3012.	0.6	128
43	PGC-1Î± Protects from Notch-Induced Kidney Fibrosis Development. Journal of the American Society of Nephrology: JASN, 2017, 28, 3312-3322.	6.1	127
44	DNA methylation profile associated with rapid decline in kidney function: findings from the CRIC Study. Nephrology Dialysis Transplantation, 2014, 29, 864-872.	0.7	122
45	Single cell regulatory landscape of the mouse kidney highlights cellular differentiation programs and disease targets. Nature Communications, 2021, 12, 2277.	12.8	122
46	Epigenetics and Epigenomics: Implications for Diabetes and Obesity. Diabetes, 2018, 67, 1923-1931.	0.6	116
47	Notch in the kidney: development and disease. Journal of Pathology, 2012, 226, 394-403.	4.5	110
48	The Nuclear Receptor ESRRA Protects from Kidney Disease by Coupling Metabolism and Differentiation. Cell Metabolism, 2021, 33, 379-394.e8.	16.2	93
49	Smad proteins and transforming growth factor-Î² signaling. Kidney International, 2000, 58, S45-S52.	5.2	91
50	Deletion of Lkb1 in Renal Tubular Epithelial Cells Leads to CKD by Altering Metabolism. Journal of the American Society of Nephrology: JASN, 2016, 27, 439-453.	6.1	91
51	Mapping eGFR loci to the renal transcriptome and phenome in the VA Million Veteran Program. Nature Communications, 2019, 10, 3842.	12.8	90
52	Mapping the genetic architecture of human traits to cell types in the kidney identifies mechanisms of disease and potential treatments. Nature Genetics, 2021, 53, 1322-1333.	21.4	87
53	Diabetic Nephropathy: A Frontier for Personalized Medicine: Figure 1.. Journal of the American Society of Nephrology: JASN, 2006, 17, 361-367.	6.1	85
54	Iterative transfer learning with neural network for clustering and cell type classification in single-cell RNA-seq analysis. Nature Machine Intelligence, 2020, 2, 607-618.	16.0	83

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55	Diet-Induced Podocyte Dysfunction in Drosophila and Mammals. Cell Reports, 2015, 12, 636-647.	6.4	82
56	Genetic-Variation-Driven Gene-Expression Changes Highlight Genes with Important Functions for Kidney Disease. American Journal of Human Genetics, 2017, 100, 940-953.	6.2	81
57	The Role of Osteopontin in the Development of Albuminuria. Journal of the American Society of Nephrology: JASN, 2008, 19, 884-890.	6.1	78
58	Role of DNA methylation in renal cell carcinoma. Journal of Hematology and Oncology, 2015, 8, 88.	17.0	76
59	The story of Notch and chronic kidney disease. Current Opinion in Nephrology and Hypertension, 2011, 20, 56-61.	2.0	75
60	Absence of miR-146a in Podocytes Increases Risk of Diabetic Glomerulopathy via Up-regulation of ErbB4 and Notch-1. Journal of Biological Chemistry, 2017, 292, 732-747.	3.4	74
61	Human Kidney Tubule-Specific Gene Expression Based Dissection of Chronic Kidney Disease Traits. EBioMedicine, 2017, 24, 267-276.	6.1	73
62	Endocardial to Myocardial Notch-Wnt-Bmp Axis Regulates Early Heart Valve Development. PLoS ONE, 2013, 8, e60244.	2.5	73
63	Epigenomic and transcriptomic analyses define core cell types, genes and targetable mechanisms for kidney disease. Nature Genetics, 2022, 54, 950-962.	21.4	71
64	The long noncoding RNA landscape in hypoxic and inflammatory renal epithelial injury. American Journal of Physiology - Renal Physiology, 2015, 309, F901-F913.	2.7	70
65	How Many Cell Types Are in the Kidney and What Do They Do?. Annual Review of Physiology, 2022, 84, 507-531.	13.1	69
66	Epithelial-Mesenchymal Transition and Podocyte Loss in Diabetic Kidney Disease. American Journal of Kidney Diseases, 2009, 54, 590-593.	1.9	68
67	The Role of Peroxisome Proliferator-Activated Receptor Î³ Coactivator 1Î± (PGC-1Î±) in Kidney Disease. Seminars in Nephrology, 2018, 38, 121-126.	1.6	68
68	Human and Murine Kidneys Show Gender- and Species-Specific Gene Expression Differences in Response to Injury. PLoS ONE, 2009, 4, e4802.	2.5	68
69	Understanding the Epigenetic Syntax for the Genetic Alphabet in the Kidney. Journal of the American Society of Nephrology: JASN, 2014, 25, 10-17.	6.1	66
70	The key role of NLRP3 and STING in APOL1-associated podocytopathy. Journal of Clinical Investigation, 2021, 131, .	8.2	66
71	Urinary Single-Cell Profiling Captures the Cellular Diversity of the Kidney. Journal of the American Society of Nephrology: JASN, 2021, 32, 614-627.	6.1	64
72	Ascorbic acidâ€“induced TET activation mitigates adverse hydroxymethylcytosine loss in renal cell carcinoma. Journal of Clinical Investigation, 2019, 129, 1612-1625.	8.2	64

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73	Genomic Mismatch at <i>LIMS1</i> Locus and Kidney Allograft Rejection. New England Journal of Medicine, 2019, 380, 1918-1928.	27.0	63
74	Defining the lineage of thermogenic perivascular adipose tissue. Nature Metabolism, 2021, 3, 469-484.	11.9	63
75	Kidney Cancer Is Characterized by Aberrant Methylation of Tissue-Specific Enhancers That Are Prognostic for Overall Survival. Clinical Cancer Research, 2014, 20, 4349-4360.	7.0	60
76	Notch signaling in diabetic nephropathy. Experimental Cell Research, 2012, 318, 986-992.	2.6	59
77	Kidney cytosine methylation changes improve renal function decline estimation in patients with diabetic kidney disease. Nature Communications, 2019, 10, 2461.	12.8	59
78	The long noncoding RNA Tug1 connects metabolic changes with kidney disease in podocytes. Journal of Clinical Investigation, 2016, 126, 4072-4075.	8.2	56
79	Notch1 and Notch2 in Podocytes Play Differential Roles During Diabetic Nephropathy Development. Diabetes, 2015, 64, 4099-4111.	0.6	54
80	Functional methylome analysis of human diabetic kidney disease. JCI Insight, 2019, 4, .	5.0	54
81	Single-cell analysis highlights differences in druggable pathways underlying adaptive or fibrotic kidney regeneration. Nature Communications, 2022, 13, .	12.8	54
82	Epithelial Plasticity versus EMT in Kidney Fibrosis. Trends in Molecular Medicine, 2016, 22, 4-6.	6.7	53
83	Allele-specific RNA imaging shows that allelic imbalances can arise in tissues through transcriptional bursting. PLoS Genetics, 2019, 15, e1007874.	3.5	52
84	The Pathogenic Role of Notch Activation in Podocytes. Nephron Experimental Nephrology, 2009, 111, e73-e79.	2.2	51
85	Jagged1/Notch2 controls kidney fibrosis via Tfam-mediated metabolic reprogramming. PLoS Biology, 2018, 16, e2005233.	5.6	51
86	NAD+ flux is maintained in aged mice despite lower tissue concentrations. Cell Systems, 2021, 12, 1160-1172.e4.	6.2	51
87	Epigenetics: a new way to look at kidney diseases. Nephrology Dialysis Transplantation, 2014, 29, 1821-1827.	0.7	49
88	Transcriptome-wide association analysis identifies DACH1 as a kidney disease risk gene that contributes to fibrosis. Journal of Clinical Investigation, 2021, 131, .	8.2	49
89	Functional Genomic Annotation of Genetic Risk Loci Highlights Inflammation and Epithelial Biology Networks in CKD. Journal of the American Society of Nephrology: JASN, 2015, 26, 692-714.	6.1	48
90	Increasing the level of peroxisome proliferator-activated receptor Î³ coactivator-1Î± in podocytes results in collapsing glomerulopathy. JCI Insight, 2017, 2, .	5.0	48

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91	APOL1 risk variants in individuals of African genetic ancestry drive endothelial cell defects that exacerbate sepsis. Immunity, 2021, 54, 2632-2649.e6.	14.3	48
92	Genomic Strategies for Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2003, 14, S271-S278.	6.1	46
93	Repair Problems in Podocytes: Wnt, Notch, and Glomerulosclerosis. Seminars in Nephrology, 2012, 32, 350-356.	1.6	46
94	Cytosine methylation predicts renal function decline in American Indians. Kidney International, 2018, 93, 1417-1431.	5.2	46
95	Systematic integrated analysis of genetic and epigenetic variation in diabetic kidney disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29013-29024.	7.1	46
96	Genetics in chronic kidney disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2022, 101, 1126-1141.	5.2	46
97	Developing Treatments for Chronic Kidney Disease in the 21st Century. Seminars in Nephrology, 2016, 36, 436-447.	1.6	45
98	Understanding the kidney one cell at a time. Kidney International, 2019, 96, 862-870.	5.2	45
99	A single genetic locus controls both expression of DPEP1/CHMP1A and kidney disease development via ferroptosis. Nature Communications, 2021, 12, 5078.	12.8	45
100	SORBS1 gene, a new candidate for diabetic nephropathy: results from a multi-stage genome-wide association study in patients with type 1 diabetes. Diabetologia, 2015, 58, 543-548.	6.3	43
101	Notch Pathway Is Activated via Genetic and Epigenetic Alterations and Is a Therapeutic Target in Clear Cell Renal Cancer. Journal of Biological Chemistry, 2017, 292, 837-846.	3.4	43
102	Localization of the GLUT8 glucose transporter in murine kidney and regulation in vivo in nondiabetic and diabetic conditions. American Journal of Physiology - Renal Physiology, 2005, 289, F186-F193.	2.7	42
103	In Utero Exposure to a High-Fat Diet Programs Hepatic Hypermethylation and Gene Dysregulation and Development of Metabolic Syndrome in Male Mice. Endocrinology, 2017, 158, 2860-2872.	2.8	42
104	ASEP: Gene-based detection of allele-specific expression across individuals in a population by RNA sequencing. PLoS Genetics, 2020, 16, e1008786.	3.5	42
105	Fetal environment, epigenetics, and pediatric renal disease. Pediatric Nephrology, 2011, 26, 705-711.	1.7	41
106	Fine Tuning Gene Expression: The Epigenome. Seminars in Nephrology, 2010, 30, 468-476.	1.6	38
107	Kidney triglyceride accumulation in the fasted mouse is dependent upon serum free fatty acids. Journal of Lipid Research, 2017, 58, 1132-1142.	4.2	37
108	The multifaceted role of kidney tubule mitochondrial dysfunction in kidney disease development. Trends in Cell Biology, 2022, 32, 841-853.	7.9	37

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109	Single-cell analysis identifies the interaction of altered renal tubules with basophils orchestrating kidney fibrosis. Nature Immunology, 2022, 23, 947-959.	14.5	37
110	Kick it up a notch: Notch signaling and kidney fibrosis. Kidney International Supplements, 2014, 4, 91-96.	14.2	35
111	Glucose-Induced Reactive Oxygen Species Cause Apoptosis of Podocytes and Podocyte Depletion at the Onset of Diabetic Nephropathy. Diabetes, 2006, 55, 225-233.	0.6	35
112	Electrogenic H+ pathway contributes to stimulus-induced changes of internal pH and membrane potential in intact neutrophils: role of cytoplasmic phospholipase A2. Biochemical Journal, 1997, 325, 501-510.	3.7	34
113	A kinome-wide screen identifies a CDKL5-SOX9 regulatory axis in epithelial cell death and kidney injury. Nature Communications, 2020, 11, 1924.	12.8	34
114	Genomic integration of ERRÎ³-HNF1Î² regulates renal bioenergetics and prevents chronic kidney disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4910-E4919.	7.1	33
115	Unravelling the complex genetics of common kidney diseases: from variants to mechanisms. Nature Reviews Nephrology, 2020, 16, 628-640.	9.6	33
116	<i>APOL1</i> Risk Variants, Acute Kidney Injury, and Death in Participants With African Ancestry Hospitalized With COVID-19 From the Million Veteran Program. JAMA Internal Medicine, 2022, 182, 386.	5.1	31
117	APOL1: The Balance Imposed by Infection, Selection, and Kidney Disease. Trends in Molecular Medicine, 2018, 24, 682-695.	6.7	30
118	DNMT1 in Six2 Progenitor Cells Is Essential for Transposable Element Silencing and Kidney Development. Journal of the American Society of Nephrology: JASN, 2019, 30, 594-609.	6.1	30
119	Associations of Fenofibrate Therapy WithÂIncidence and Progression of CKD inÂPatients With Type 2 Diabetes. Kidney International Reports, 2019, 4, 94-102.	0.8	30
120	Kidney disease genetic risk variants alter lysosomal beta-mannosidase (<i>MANBA</i>) expression and disease severity. Science Translational Medicine, 2021, 13, .	12.4	30
121	Meta-analyses identify DNA methylation associated with kidney function and damage. Nature Communications, 2021, 12, 7174.	12.8	30
122	Therapeutics for APOL1 nephropathies: putting out the fire in the podocyte. Nephrology Dialysis Transplantation, 2017, 32, i65-i70.	0.7	27
123	Precision Medicine Approaches to Diabetic Kidney Disease: Tissue as an Issue. Current Diabetes Reports, 2017, 17, 30.	4.2	27
124	Sirt1â€“Claudin-1 crosstalk regulates renal function. Nature Medicine, 2013, 19, 1371-1372.	30.7	26
125	Inhibition of Endothelial PHD2 Suppresses Post-Ischemic Kidney Inflammation through Hypoxia-Inducible Factor-1. Journal of the American Society of Nephrology: JASN, 2020, 31, 501-516.	6.1	25
126	Epigenomics: The Science of No-Longer-Junk DNA. Why Study it in Chronic Kidney Disease?. Seminars in Nephrology, 2013, 33, 354-362.	1.6	24

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127	Getting a Notch Closer to Understanding Diabetic Kidney Disease. Diabetes, 2010, 59, 1865-1867.	0.6	23
128	Rationale and design of the Transformative Research in Diabetic NephropathyÂ(TRIDENT) Study. Kidney International, 2020, 97, 10-13.	5.2	23
129	DACH1 protects podocytes from experimental diabetic injury and modulates PTIP-H3K4Me3 activity. Journal of Clinical Investigation, 2021, 131, .	8.2	23
130	Urine Single-Cell RNA Sequencing in Focal Segmental Glomerulosclerosis Reveals Inflammatory Signatures. Kidney International Reports, 2022, 7, 289-304.	0.8	21
131	Phenome-wide association analysis suggests the APOL1 linked disease spectrum primarily drives kidney-specific pathways. Kidney International, 2020, 97, 1032-1041.	5.2	20
132	ADCK4 â€œreenergizesâ€•nephrotic syndrome. Journal of Clinical Investigation, 2013, 123, 4996-4999.	8.2	20
133	A multicolor podocyte reporter highlights heterogeneous podocyte changes in focal segmental glomerulosclerosis. Kidney International, 2014, 85, 972-980.	5.2	19
134	How to Get Started with Single Cell RNA Sequencing Data Analysis. Journal of the American Society of Nephrology: JASN, 2021, 32, 1279-1292.	6.1	19
135	Unbiased Analysis of Temporal Changes in Immune Serum Markers in Acute COVID-19 Infection With Emphasis on Organ Failure, Anti-Viral Treatment, and Demographic Characteristics. Frontiers in Immunology, 2021, 12, 650465.	4.8	19
136	A susceptibility gene for kidney disease in an obese mouse model of type II diabetes maps to chromosome 8. Kidney International, 2010, 78, 453-462.	5.2	18
137	Validation and genomic interrogation of the <scp><i>MET</i></scp> variant rs11762213 as a predictor of adverse outcomes in clear cell renal cell carcinoma. Cancer, 2016, 122, 402-410.	4.1	18
138	Renal Histologic Analysis Provides Complementary Information to Kidney Function Measurement for Patients with Early Diabetic or Hypertensive Disease. Journal of the American Society of Nephrology: JASN, 2021, 32, 2863-2876.	6.1	18
139	Effective reconstruction of functional organotypic kidney spheroid for in vitro nephrotoxicity studies. Scientific Reports, 2019, 9, 17610.	3.3	17
140	The Role of Glomerular Epithelial Injury in Kidney Function Decline in Patients With Diabetic Kidney Disease in the TRIDENT Cohort. Kidney International Reports, 2021, 6, 1066-1080.	0.8	17
141	Effect of benign and tumor parenchyma metabolomic profiles on compensatory renal growth in renal cell carcinoma surgical patients.. Journal of Clinical Oncology, 2017, 35, 446-446.	1.6	17
142	Copy number polymorphisms near SLC2A9 are associated with serum uric acid concentrations. BMC Genetics, 2014, 15, 81.	2.7	16
143	Kidney toxicity of the BRAF-kinase inhibitor vemurafenib is driven by off-target ferrochelatase inhibition. Kidney International, 2021, 100, 1214-1226.	5.2	16
144	Genome-wide meta-analysis and omics integration identifies novel genes associated with diabetic kidney disease. Diabetologia, 2022, 65, 1495-1509.	6.3	16

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145	APOL1 at 10 years: progress and next steps. Kidney International, 2021, 99, 1296-1302.	5.2	14
146	Genome-wide association studies identify the role of caspase-9 in kidney disease. Science Advances, 2021, 7, eabi8051.	10.3	14
147	Arachidonic acid activatable electrogenic H+transport in the absence of cytochromeb558in human T lymphocytes. FEBS Letters, 1996, 381, 156-160.	2.8	13
148	Animal models of renal disease. Kidney International, 2008, 73, 526-528.	5.2	13
149	Diabetic Nephropathy: A National Dialogue. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 1603-1605.	4.5	13
150	Dnmt3a and Dnmt3b-Decommissioned Fetal Enhancers are Linked to Kidney Disease. Journal of the American Society of Nephrology: JASN, 2020, 31, 765-782.	6.1	13
151	Screening Drugs for Kidney Disease: Targeting the Podocyte. Cell Chemical Biology, 2018, 25, 126-127.	5.2	12
152	Loss of IL-27RÎ± Results in Enhanced Tubulointerstitial Fibrosis Associated with Elevated Th17 Responses. Journal of Immunology, 2020, 205, 377-386.	0.8	12
153	Emerging Role of Clinical Genetics in CKD. Kidney Medicine, 2022, 4, 100435.	2.0	12
154	The kidney transcriptome, from single cells to whole organs and back. Current Opinion in Nephrology and Hypertension, 2019, 28, 219-226.	2.0	11
155	Loss of ELK1 has differential effects on age-dependent organ fibrosis. International Journal of Biochemistry and Cell Biology, 2020, 120, 105668.	2.8	11
156	Gaining insight into metabolic diseases from human genetic discoveries. Trends in Genetics, 2021, 37, 1081-1094.	6.7	11
157	<i>The hyperglycemic and hyperinsulinemic combo gives you diabetic kidney disease immediately</i>. Focus on â€œCombined acute hyperglycemic and hyperinsulinemic clamp induced profibrotic and proinflammatory responses in the kidneyâ€• American Journal of Physiology - Cell Physiology, 2014, 306, C198-C199.	4.6	10
158	Cytosine Methylation Studies in Patients with Diabetic Kidney Disease. Current Diabetes Reports, 2019, 19, 91.	4.2	10
159	The Feasibility and Safety of Obtaining Research Kidney Biopsy Cores in Patients with Diabetes. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1024-1026.	4.5	10
160	Research Priorities for Kidney-Related Researchâ€"An Agenda to Advance Kidney Care: A Position Statement From the National Kidney Foundation. American Journal of Kidney Diseases, 2022, 79, 141-152.	1.9	10
161	Ligands of purinergic receptors stimulate electrogenic H+-transport of neutrophils. FEBS Letters, 1995, 375, 79-82.	2.8	9
162	Association of Coding Variants in Hydroxysteroid 17-beta Dehydrogenase 14 (HSD17B14) with Reduced Progression to End Stage Kidney Disease in Type 1 Diabetes. Journal of the American Society of Nephrology: JASN, 2021, 32, 2634-2651.	6.1	9

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163	Tracing the footsteps of glomerular insulin signaling in diabetic kidney disease. Kidney International, 2011, 79, 802-804.	5.2	8
164	Partitioning-Defective 1a/b Depletion Impairs Glomerular and Proximal Tubule Development. Journal of the American Society of Nephrology: JASN, 2016, 27, 3725-3737.	6.1	8
165	<i>APOL1</i> and Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1587-1589.	2.4	8
166	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. Nature Communications, 2021, 12, 7173.	12.8	8
167	For better or worse: a niche for Notch in parietal epithelial cell activation. Kidney International, 2013, 83, 988-990.	5.2	7
168	The interdependence of renal epithelial and endothelial metabolism and cell state. Science Signaling, 2020, 13, .	3.6	7
169	It Takes Two to Tango: The Role of Dysregulated Metabolism and Inflammation in Kidney Disease Development. Seminars in Nephrology, 2020, 40, 199-205.	1.6	7
170	Going from acute to chronic kidney injury with FoxO3. Journal of Clinical Investigation, 2019, 129, 2192-2194.	8.2	7
171	Smad1 as a Biomarker for Diabetic Nephropathy. Diabetes, 2008, 57, 1459-1460.	0.6	6
172	Sweet Debate. Journal of the American Society of Nephrology: JASN, 2014, 25, 2386-2388.	6.1	6
173	APOL1 Variants. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 219-220.	2.4	6
174	A High Fat Diet During Pregnancy and Lactation Induces Cardiac and Renal Abnormalities in GLUT4 +/- Male Mice. Kidney and Blood Pressure Research, 2017, 42, 468-482.	2.0	6
175	FHL2 mediates podocyte Rac1 activation and foot process effacement in hypertensive nephropathy. Scientific Reports, 2019, 9, 6693.	3.3	6
176	The transcriptomic signature of the aging podocyte. Kidney International, 2020, 98, 1079-1081.	5.2	6
177	Longitudinal urinary biomarkers of immunological activation in covid-19 patients without clinically apparent kidney disease versus acute and chronic failure. Scientific Reports, 2021, 11, 19675.	3.3	5
178	Fat Burning Problem in Cystic Kidneys: an Emerging Common Mechanism of Chronic Kidney Disease. EBioMedicine, 2016, 5, 22-23.	6.1	4
179	Antisense oligonucleotides ameliorate kidney dysfunction in podocyte-specific APOL1 risk variant mice. Molecular Therapy, 2022, 30, 2491-2504.	8.2	4
180	APOL1 Kidney Risk Variants and Proteomics. Clinical Journal of the American Society of Nephrology: CJASN, 2022, 17, 684-692.	4.5	4

#	Article	IF	Citations
181	Notch Ties a Knot on Fistula Maturation. Journal of the American Society of Nephrology: JASN, 2014, 25, 648-650.	6.1	3
182	Introduction: Systems Biology of Kidney Disease. Seminars in Nephrology, 2018, 38, 99-100.	1.6	3
183	Genome-Wide Association of Copy Number Polymorphisms and Kidney Function. PLoS ONE, 2017, 12, e0170815.	2.5	3
184	Genetic Variants Associated With Mineral Metabolism Traits in Chronic Kidney Disease. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3866-e3876.	3.6	3
185	Benign and tumor parenchyma metabolomic profiles affect compensatory renal growth in renal cell carcinoma surgical patients. PLoS ONE, 2017, 12, e0180350.	2.5	2
186	Long-Range Chromatin Interactions in the Kidney. Journal of the American Society of Nephrology: JASN, 2019, 30, 367-369.	6.1	2
187	From mapping kidney function to mechanism and prediction. Nature Reviews Nephrology, 2022, 18, 76-77.	9.6	2
188	Complexities of Understanding Function from CKD-Associated DNA Variants. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1028-1040.	4.5	1
189	Can kidney parenchyma metabolites serve as prognostic biomarkers for long-term kidney function after nephrectomy for renal cell carcinoma? A preliminary study. CKJ: Clinical Kidney Journal, 2021, 14, 656-664.	2.9	1
190	Endothelial cellâ€specific inducible G2APOL1 risk variant induces hypertension and hypertensive kidney disease in uniâ€nephrectomy and highâ€salt mice model. FASEB Journal, 2022, 36, .	0.5	1
191	9. AAV-Mediated Gene Transfer as a Therapeutic Approach for Familial LCAT Deficiency. Molecular Therapy, 2015, 23, S4.	8.2	0
192	Wnt, Notch, and Tubular Pathology. , 2016, , 201-207.		0
193	Cell Phenotype Transitions in Renal Fibrosis. Current Pathobiology Reports, 2016, 4, 19-25.	3.4	0
194	MP73-17 BENIGN AND TUMOR PARENCHYMA METABOLOMIC PROFILES AFFECT COMPENSATORY RENAL GROWTH IN RENAL CELL CARCINOMA SURGICAL PATIENTS. Journal of Urology, 2017, 197, .	0.4	0
195	4557 Defining the relationship between kidney structure and function in patients with and without diabetes and hypertension. Journal of Clinical and Translational Science, 2020, 4, 47-47.	0.6	0
196	Gene Expression Profiling in the Investigation of Diabetic Nephropathy. , 2006, , 277-288.		0
197	Single-cell transcriptomics of the kidney reveals unexpected cellular targets of kidney diseases. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY10-2.	0.0	0
198	Proteomic Profile of Circulating Inflammatory Proteins Associated with 10-Year Risk of ESRD in T1 and T2 Diabetesâ€"Enrichment for TNF Receptor Superfamily Members. Diabetes, 2018, 67, .	0.6	0

#	ARTICLE	IF	CITATIONS
199	Loss of Mitochondrial Transcription Factor A (TFAM) in Tubule Cells Causes Renal Failure Via Activating the cGAS-STING Innate Immune Pathway. SSRN Electronic Journal, 0, , .	0.4	0