

Katalin Susztak

List of Publications by Year in descending order

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Version: 2024-02-01

198
papers

19,040
citations

18436

62
h-index

15218

126
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 1,430	4.3	1,430
2	Defective fatty acid oxidation in renal tubular epithelial cells has a key role in kidney fibrosis development. <i>Nature Medicine</i> , 2015, 21, 37-46.	15.2	1,007
3	Single-cell transcriptomics of the mouse kidney reveals potential cellular targets of kidney disease. <i>Science</i> , 2018, 360, 758-763.	6.0	797
4	Molecular mechanisms of diabetic kidney disease. <i>Journal of Clinical Investigation</i> , 2014, 124, 2333-2340.	3.9	658
5	Mouse Models of Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 2503-2512.	3.0	582
6	Diabetic kidney disease. <i>Nature Reviews Disease Primers</i> , 2015, 1, 15018.	18.1	542
7	Bulk tissue cell type deconvolution with multi-subject single-cell expression reference. <i>Nature Communications</i> , 2019, 10, 380.	5.8	526
8	Glucose-induced reactive oxygen species cause apoptosis of podocytes and podocyte depletion at the onset of diabetic nephropathy. <i>Diabetes</i> , 2006, 55, 225-33.	0.3	511
9	Transcriptome Analysis of Human Diabetic Kidney Disease. <i>Diabetes</i> , 2011, 60, 2354-2369.	0.3	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. <i>Nature Genetics</i> , 2020, 52, 680-691.	9.4	445
11	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
12	The Notch pathway in podocytes plays a role in the development of glomerular disease. <i>Nature Medicine</i> , 2008, 14, 290-298.	15.2	368
13	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019, 51, 51-62.	9.4	328
14	Mitochondrial Damage and Activation of the STING Pathway Lead to Renal Inflammation and Fibrosis. <i>Cell Metabolism</i> , 2019, 30, 784-799.e5.	7.2	320
15	Epithelial Notch signaling regulates interstitial fibrosis development in the kidneys of mice and humans. <i>Journal of Clinical Investigation</i> , 2010, 120, 4040-4054.	3.9	306
16	Developmental signalling pathways in renal fibrosis: the roles of Notch, Wnt and Hedgehog. <i>Nature Reviews Nephrology</i> , 2016, 12, 426-439.	4.1	291
17	Transgenic expression of human APOL1 risk variants in podocytes induces kidney disease in mice. <i>Nature Medicine</i> , 2017, 23, 429-438.	15.2	282
18	A signature of circulating inflammatory proteins and development of end-stage renal disease in diabetes. <i>Nature Medicine</i> , 2019, 25, 805-813.	15.2	260

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19	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	9.4	251
20	Podocytopathies. <i>Nature Reviews Disease Primers</i> , 2020, 6, 68.	18.1	237
21	Emerging role of autophagy in kidney function, diseases and aging. <i>Autophagy</i> , 2012, 8, 1009-1031.	4.3	228
22	The next generation of therapeutics for chronic kidney disease. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 568-588.	21.5	201
23	Single cell transcriptomics identifies a unique adipose lineage cell population that regulates bone marrow environment. <i>ELife</i> , 2020, 9, .	2.8	191
24	Cytosine methylation changes in enhancer regions of core pro-fibrotic genes characterize kidney fibrosis development. <i>Genome Biology</i> , 2013, 14, R108.	13.9	187
25	Multiple Metabolic Hits Converge on CD36 as Novel Mediator of Tubular Epithelial Apoptosis in Diabetic Nephropathy. <i>PLoS Medicine</i> , 2005, 2, e45.	3.9	180
26	Deep learning enables accurate clustering with batch effect removal in single-cell RNA-seq analysis. <i>Nature Communications</i> , 2020, 11, 2338.	5.8	180
27	Renal compartment-specific genetic variation analyses identify new pathways in chronic kidney disease. <i>Nature Medicine</i> , 2018, 24, 1721-1731.	15.2	170
28	Wnt/ β -Catenin Pathway in Podocytes Integrates Cell Adhesion, Differentiation, and Survival. <i>Journal of Biological Chemistry</i> , 2011, 286, 26003-26015.	1.6	166
29	Smad3 and Smad4 Mediate Transcriptional Activation of the Human Smad7 Promoter by Transforming Growth Factor β 2. <i>Journal of Biological Chemistry</i> , 2000, 275, 11320-11326.	1.6	158
30	Sox9-Positive Progenitor Cells Play a Key Role in Renal Tubule Epithelial Regeneration in Mice. <i>Cell Reports</i> , 2016, 14, 861-871.	2.9	154
31	Expression of Notch pathway proteins correlates with albuminuria, glomerulosclerosis, and renal function. <i>Kidney International</i> , 2010, 78, 514-522.	2.6	153
32	Renal tubule Cpt1a overexpression protects from kidney fibrosis by restoring mitochondrial homeostasis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	147
33	Podocytes: the Weakest Link in Diabetic Kidney Disease?. <i>Current Diabetes Reports</i> , 2016, 16, 45.	1.7	146
34	Epigenome-wide association studies identify DNA methylation associated with kidney function. <i>Nature Communications</i> , 2017, 8, 1286.	5.8	145
35	Tracking the fate of glomerular epithelial cells in vivo using serial multiphoton imaging in new mouse models with fluorescent lineage tags. <i>Nature Medicine</i> , 2013, 19, 1661-1666.	15.2	143
36	Adiponectin Promotes Functional Recovery after Podocyte Ablation. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 268-282.	3.0	142

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37	The Evolving Understanding of the Contribution of Lipid Metabolism to Diabetic Kidney Disease. <i>Current Diabetes Reports</i> , 2015, 15, 40.	1.7	136
38	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 2000-2016.	3.0	135
39	Molecular Profiling of Diabetic Mouse Kidney Reveals Novel Genes Linked to Glomerular Disease. <i>Diabetes</i> , 2004, 53, 784-794.	0.3	134
40	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	5.8	133
41	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016, 65, 803-817.	0.3	131
42	Poly(ADP-Ribose) Polymerase Inhibitors Ameliorate Nephropathy of Type 2 Diabetic Leprdb/db Mice. <i>Diabetes</i> , 2006, 55, 3004-3012.	0.3	128
43	PGC-1 β Protects from Notch-Induced Kidney Fibrosis Development. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3312-3322.	3.0	127
44	DNA methylation profile associated with rapid decline in kidney function: findings from the CRIC Study. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 864-872.	0.4	122
45	Single cell regulatory landscape of the mouse kidney highlights cellular differentiation programs and disease targets. <i>Nature Communications</i> , 2021, 12, 2277.	5.8	122
46	Epigenetics and Epigenomics: Implications for Diabetes and Obesity. <i>Diabetes</i> , 2018, 67, 1923-1931.	0.3	116
47	Notch in the kidney: development and disease. <i>Journal of Pathology</i> , 2012, 226, 394-403.	2.1	110
48	The Nuclear Receptor ESRRA Protects from Kidney Disease by Coupling Metabolism and Differentiation. <i>Cell Metabolism</i> , 2021, 33, 379-394.e8.	7.2	93
49	Smad proteins and transforming growth factor- β signaling. <i>Kidney International</i> , 2000, 58, S45-S52.	2.6	91
50	Deletion of Lkb1 in Renal Tubular Epithelial Cells Leads to CKD by Altering Metabolism. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 439-453.	3.0	91
51	Mapping eGFR loci to the renal transcriptome and phenome in the VA Million Veteran Program. <i>Nature Communications</i> , 2019, 10, 3842.	5.8	90
52	Mapping the genetic architecture of human traits to cell types in the kidney identifies mechanisms of disease and potential treatments. <i>Nature Genetics</i> , 2021, 53, 1322-1333.	9.4	87
53	Diabetic Nephropathy: A Frontier for Personalized Medicine: Figure 1.. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 361-367.	3.0	85
54	Iterative transfer learning with neural network for clustering and cell type classification in single-cell RNA-seq analysis. <i>Nature Machine Intelligence</i> , 2020, 2, 607-618.	8.3	83

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55	Diet-Induced Podocyte Dysfunction in Drosophila and Mammals. <i>Cell Reports</i> , 2015, 12, 636-647.	2.9	82
56	Genetic-Variation-Driven Gene-Expression Changes Highlight Genes with Important Functions for Kidney Disease. <i>American Journal of Human Genetics</i> , 2017, 100, 940-953.	2.6	81
57	The Role of Osteopontin in the Development of Albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 884-890.	3.0	78
58	Role of DNA methylation in renal cell carcinoma. <i>Journal of Hematology and Oncology</i> , 2015, 8, 88.	6.9	76
59	The story of Notch and chronic kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2011, 20, 56-61.	1.0	75
60	Absence of miR-146a in Podocytes Increases Risk of Diabetic Glomerulopathy via Up-regulation of ErbB4 and Notch-1. <i>Journal of Biological Chemistry</i> , 2017, 292, 732-747.	1.6	74
61	Human Kidney Tubule-Specific Gene Expression Based Dissection of Chronic Kidney Disease Traits. <i>EBioMedicine</i> , 2017, 24, 267-276.	2.7	73
62	Endocardial to Myocardial Notch-Wnt-Bmp Axis Regulates Early Heart Valve Development. <i>PLoS ONE</i> , 2013, 8, e60244.	1.1	73
63	Epigenomic and transcriptomic analyses define core cell types, genes and targetable mechanisms for kidney disease. <i>Nature Genetics</i> , 2022, 54, 950-962.	9.4	71
64	The long noncoding RNA landscape in hypoxic and inflammatory renal epithelial injury. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F901-F913.	1.3	70
65	How Many Cell Types Are in the Kidney and What Do They Do?. <i>Annual Review of Physiology</i> , 2022, 84, 507-531.	5.6	69
66	Epithelial-Mesenchymal Transition and Podocyte Loss in Diabetic Kidney Disease. <i>American Journal of Kidney Diseases</i> , 2009, 54, 590-593.	2.1	68
67	The Role of Peroxisome Proliferator-Activated Receptor γ Coactivator 1 α (PGC-1 α) in Kidney Disease. <i>Seminars in Nephrology</i> , 2018, 38, 121-126.	0.6	68
68	Human and Murine Kidneys Show Gender- and Species-Specific Gene Expression Differences in Response to Injury. <i>PLoS ONE</i> , 2009, 4, e4802.	1.1	68
69	Understanding the Epigenetic Syntax for the Genetic Alphabet in the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 10-17.	3.0	66
70	The key role of NLRP3 and STING in APOL1-associated podocytopathy. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	66
71	Urinary Single-Cell Profiling Captures the Cellular Diversity of the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 614-627.	3.0	64
72	Ascorbic acid-induced TET activation mitigates adverse hydroxymethylcytosine loss in renal cell carcinoma. <i>Journal of Clinical Investigation</i> , 2019, 129, 1612-1625.	3.9	64

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73	Genomic Mismatch at <i>LIMS1</i> Locus and Kidney Allograft Rejection. <i>New England Journal of Medicine</i> , 2019, 380, 1918-1928.	13.9	63
74	Defining the lineage of thermogenic perivascular adipose tissue. <i>Nature Metabolism</i> , 2021, 3, 469-484.	5.1	63
75	Kidney Cancer Is Characterized by Aberrant Methylation of Tissue-Specific Enhancers That Are Prognostic for Overall Survival. <i>Clinical Cancer Research</i> , 2014, 20, 4349-4360.	3.2	60
76	Notch signaling in diabetic nephropathy. <i>Experimental Cell Research</i> , 2012, 318, 986-992.	1.2	59
77	Kidney cytosine methylation changes improve renal function decline estimation in patients with diabetic kidney disease. <i>Nature Communications</i> , 2019, 10, 2461.	5.8	59
78	The long noncoding RNA <i>Tug1</i> connects metabolic changes with kidney disease in podocytes. <i>Journal of Clinical Investigation</i> , 2016, 126, 4072-4075.	3.9	56
79	Notch1 and Notch2 in Podocytes Play Differential Roles During Diabetic Nephropathy Development. <i>Diabetes</i> , 2015, 64, 4099-4111.	0.3	54
80	Functional methylome analysis of human diabetic kidney disease. <i>JCI Insight</i> , 2019, 4, .	2.3	54
81	Single-cell analysis highlights differences in druggable pathways underlying adaptive or fibrotic kidney regeneration. <i>Nature Communications</i> , 2022, 13, .	5.8	54
82	Epithelial Plasticity versus EMT in Kidney Fibrosis. <i>Trends in Molecular Medicine</i> , 2016, 22, 4-6.	3.5	53
83	Allele-specific RNA imaging shows that allelic imbalances can arise in tissues through transcriptional bursting. <i>PLoS Genetics</i> , 2019, 15, e1007874.	1.5	52
84	The Pathogenic Role of Notch Activation in Podocytes. <i>Nephron Experimental Nephrology</i> , 2009, 111, e73-e79.	2.4	51
85	Jagged1/Notch2 controls kidney fibrosis via Tfam-mediated metabolic reprogramming. <i>PLoS Biology</i> , 2018, 16, e2005233.	2.6	51
86	NAD ⁺ flux is maintained in aged mice despite lower tissue concentrations. <i>Cell Systems</i> , 2021, 12, 1160-1172.e4.	2.9	51
87	Epigenetics: a new way to look at kidney diseases. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1821-1827.	0.4	49
88	Transcriptome-wide association analysis identifies <i>DACH1</i> as a kidney disease risk gene that contributes to fibrosis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	49
89	Functional Genomic Annotation of Genetic Risk Loci Highlights Inflammation and Epithelial Biology Networks in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 692-714.	3.0	48
90	Increasing the level of peroxisome proliferator-activated receptor β coactivator-1 in podocytes results in collapsing glomerulopathy. <i>JCI Insight</i> , 2017, 2, .	2.3	48

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91	APOL1 risk variants in individuals of African genetic ancestry drive endothelial cell defects that exacerbate sepsis. <i>Immunity</i> , 2021, 54, 2632-2649.e6.	6.6	48
92	Genomic Strategies for Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, S271-S278.	3.0	46
93	Repair Problems in Podocytes: Wnt, Notch, and Glomerulosclerosis. <i>Seminars in Nephrology</i> , 2012, 32, 350-356.	0.6	46
94	Cytosine methylation predicts renal function decline in American Indians. <i>Kidney International</i> , 2018, 93, 1417-1431.	2.6	46
95	Systematic integrated analysis of genetic and epigenetic variation in diabetic kidney disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29013-29024.	3.3	46
96	Genetics in chronic kidney disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. <i>Kidney International</i> , 2022, 101, 1126-1141.	2.6	46
97	Developing Treatments for Chronic Kidney Disease in the 21st Century. <i>Seminars in Nephrology</i> , 2016, 36, 436-447.	0.6	45
98	Understanding the kidney one cell at a time. <i>Kidney International</i> , 2019, 96, 862-870.	2.6	45
99	A single genetic locus controls both expression of DPEP1/CHMP1A and kidney disease development via ferroptosis. <i>Nature Communications</i> , 2021, 12, 5078.	5.8	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. <i>Diabetologia</i> , 2015, 58, 543-548.	2.9	43
101	Notch Pathway Is Activated via Genetic and Epigenetic Alterations and Is a Therapeutic Target in Clear Cell Renal Cancer. <i>Journal of Biological Chemistry</i> , 2017, 292, 837-846.	1.6	43
102	Localization of the GLUT8 glucose transporter in murine kidney and regulation in vivo in nondiabetic and diabetic conditions. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, F186-F193.	1.3	42
103	In Utero Exposure to a High-Fat Diet Programs Hepatic Hypermethylation and Gene Dysregulation and Development of Metabolic Syndrome in Male Mice. <i>Endocrinology</i> , 2017, 158, 2860-2872.	1.4	42
104	ASEP: Gene-based detection of allele-specific expression across individuals in a population by RNA sequencing. <i>PLoS Genetics</i> , 2020, 16, e1008786.	1.5	42
105	Fetal environment, epigenetics, and pediatric renal disease. <i>Pediatric Nephrology</i> , 2011, 26, 705-711.	0.9	41
106	Fine Tuning Gene Expression: The Epigenome. <i>Seminars in Nephrology</i> , 2010, 30, 468-476.	0.6	38
107	Kidney triglyceride accumulation in the fasted mouse is dependent upon serum free fatty acids. <i>Journal of Lipid Research</i> , 2017, 58, 1132-1142.	2.0	37
108	The multifaceted role of kidney tubule mitochondrial dysfunction in kidney disease development. <i>Trends in Cell Biology</i> , 2022, 32, 841-853.	3.6	37

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109	Single-cell analysis identifies the interaction of altered renal tubules with basophils orchestrating kidney fibrosis. <i>Nature Immunology</i> , 2022, 23, 947-959.	7.0	37
110	Kick it up a notch: Notch signaling and kidney fibrosis. <i>Kidney International Supplements</i> , 2014, 4, 91-96.	4.6	35
111	Electrogenic H ⁺ pathway contributes to stimulus-induced changes of internal pH and membrane potential in intact neutrophils: role of cytoplasmic phospholipase A2. <i>Biochemical Journal</i> , 1997, 325, 501-510.	1.7	34
112	A kinome-wide screen identifies a CDKL5-SOX9 regulatory axis in epithelial cell death and kidney injury. <i>Nature Communications</i> , 2020, 11, 1924.	5.8	34
113	Genomic integration of ERR ¹ ³ -HNF1 ¹ ² regulates renal bioenergetics and prevents chronic kidney disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4910-E4919.	3.3	33
114	Unravelling the complex genetics of common kidney diseases: from variants to mechanisms. <i>Nature Reviews Nephrology</i> , 2020, 16, 628-640.	4.1	33
115	<i>APOL1</i> Risk Variants, Acute Kidney Injury, and Death in Participants With African Ancestry Hospitalized With COVID-19 From the Million Veteran Program. <i>JAMA Internal Medicine</i> , 2022, 182, 386.	2.6	31
116	APOL1: The Balance Imposed by Infection, Selection, and Kidney Disease. <i>Trends in Molecular Medicine</i> , 2018, 24, 682-695.	3.5	30
117	DNMT1 in Six2 Progenitor Cells Is Essential for Transposable Element Silencing and Kidney Development. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 594-609.	3.0	30
118	Associations of Fenofibrate Therapy With Incidence and Progression of CKD in Patients With Type 2 Diabetes. <i>Kidney International Reports</i> , 2019, 4, 94-102.	0.4	30
119	Kidney disease genetic risk variants alter lysosomal beta-mannosidase (<i>MANBA</i>) expression and disease severity. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	30
120	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021, 12, 7174.	5.8	30
121	Therapeutics for APOL1 nephropathies: putting out the fire in the podocyte. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, i65-i70.	0.4	27
122	Precision Medicine Approaches to Diabetic Kidney Disease: Tissue as an Issue. <i>Current Diabetes Reports</i> , 2017, 17, 30.	1.7	27
123	Sirt1-Claudin-1 crosstalk regulates renal function. <i>Nature Medicine</i> , 2013, 19, 1371-1372.	15.2	26
124	Inhibition of Endothelial PHD2 Suppresses Post-Ischemic Kidney Inflammation through Hypoxia-Inducible Factor-1. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 501-516.	3.0	25
125	Epigenomics: The Science of No-Longer-Junk DNA. Why Study it in Chronic Kidney Disease?. <i>Seminars in Nephrology</i> , 2013, 33, 354-362.	0.6	24
126	Getting a Notch Closer to Understanding Diabetic Kidney Disease. <i>Diabetes</i> , 2010, 59, 1865-1867.	0.3	23

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127	Rationale and design of the Transformative Research in Diabetic Nephropathy (TRIDENT) Study. <i>Kidney International</i> , 2020, 97, 10-13.	2.6	23
128	DACH1 protects podocytes from experimental diabetic injury and modulates PTIP-H3K4Me3 activity. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	23
129	Urine Single-Cell RNA Sequencing in Focal Segmental Glomerulosclerosis Reveals Inflammatory Signatures. <i>Kidney International Reports</i> , 2022, 7, 289-304.	0.4	21
130	Phenome-wide association analysis suggests the APOL1 linked disease spectrum primarily drives kidney-specific pathways. <i>Kidney International</i> , 2020, 97, 1032-1041.	2.6	20
131	ADCK4 reenergizes nephrotic syndrome. <i>Journal of Clinical Investigation</i> , 2013, 123, 4996-4999.	3.9	20
132	A multicolor podocyte reporter highlights heterogeneous podocyte changes in focal segmental glomerulosclerosis. <i>Kidney International</i> , 2014, 85, 972-980.	2.6	19
133	How to Get Started with Single Cell RNA Sequencing Data Analysis. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1279-1292.	3.0	19
134	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. <i>Frontiers in Immunology</i> , 2021, 12, 650465.	2.2	19
135	A susceptibility gene for kidney disease in an obese mouse model of type II diabetes maps to chromosome 8. <i>Kidney International</i> , 2010, 78, 453-462.	2.6	18
136	Validation and genomic interrogation of the <i>MET</i> variant rs11762213 as a predictor of adverse outcomes in clear cell renal cell carcinoma. <i>Cancer</i> , 2016, 122, 402-410.	2.0	18
137	Renal Histologic Analysis Provides Complementary Information to Kidney Function Measurement for Patients with Early Diabetic or Hypertensive Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2863-2876.	3.0	18
138	Effective reconstruction of functional organotypic kidney spheroid for in vitro nephrotoxicity studies. <i>Scientific Reports</i> , 2019, 9, 17610.	1.6	17
139	The Role of Glomerular Epithelial Injury in Kidney Function Decline in Patients With Diabetic Kidney Disease in the TRIDENT Cohort. <i>Kidney International Reports</i> , 2021, 6, 1066-1080.	0.4	17
140	Effect of benign and tumor parenchyma metabolomic profiles on compensatory renal growth in renal cell carcinoma surgical patients. <i>Journal of Clinical Oncology</i> , 2017, 35, 446-446.	0.8	17
141	Copy number polymorphisms near SLC2A9 are associated with serum uric acid concentrations. <i>BMC Genetics</i> , 2014, 15, 81.	2.7	16
142	Kidney toxicity of the BRAF-kinase inhibitor vemurafenib is driven by off-target ferrochelatase inhibition. <i>Kidney International</i> , 2021, 100, 1214-1226.	2.6	16
143	Genome-wide meta-analysis and omics integration identifies novel genes associated with diabetic kidney disease. <i>Diabetologia</i> , 2022, 65, 1495-1509.	2.9	16
144	APOL1 at 10 years: progress and next steps. <i>Kidney International</i> , 2021, 99, 1296-1302.	2.6	14

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145	Genome-wide association studies identify the role of caspase-9 in kidney disease. <i>Science Advances</i> , 2021, 7, eabi8051.	4.7	14
146	Arachidonic acid activatable electrogenic H ⁺ -transport in the absence of cytochrome b558 in human T lymphocytes. <i>FEBS Letters</i> , 1996, 381, 156-160.	1.3	13
147	Animal models of renal disease. <i>Kidney International</i> , 2008, 73, 526-528.	2.6	13
148	Diabetic Nephropathy: A National Dialogue. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 1603-1605.	2.2	13
149	Dnmt3a and Dnmt3b-Decommissioned Fetal Enhancers are Linked to Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 765-782.	3.0	13
150	Screening Drugs for Kidney Disease: Targeting the Podocyte. <i>Cell Chemical Biology</i> , 2018, 25, 126-127.	2.5	12
151	Loss of IL-27R α Results in Enhanced Tubulointerstitial Fibrosis Associated with Elevated Th17 Responses. <i>Journal of Immunology</i> , 2020, 205, 377-386.	0.4	12
152	Emerging Role of Clinical Genetics in CKD. <i>Kidney Medicine</i> , 2022, 4, 100435.	1.0	12
153	The kidney transcriptome, from single cells to whole organs and back. <i>Current Opinion in Nephrology and Hypertension</i> , 2019, 28, 219-226.	1.0	11
154	Loss of ELK1 has differential effects on age-dependent organ fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 120, 105668.	1.2	11
155	Gaining insight into metabolic diseases from human genetic discoveries. <i>Trends in Genetics</i> , 2021, 37, 1081-1094.	2.9	11
156	<i>The hyperglycemic and hyperinsulinemic combo gives you diabetic kidney disease immediately</i> . Focus on Combined acute hyperglycemic and hyperinsulinemic clamp induced profibrotic and proinflammatory responses in the kidney. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C198-C199.	2.1	10
157	Cytosine Methylation Studies in Patients with Diabetic Kidney Disease. <i>Current Diabetes Reports</i> , 2019, 19, 91.	1.7	10
158	The Feasibility and Safety of Obtaining Research Kidney Biopsy Cores in Patients with Diabetes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 1024-1026.	2.2	10
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