Matthias Kretzler

List of Publications by Year in descending order

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337 papers	30,848 citations	3531 90 h-index	6300 158 g-index
356 all docs	356 docs citations	356 times ranked	36076 citing authors

#	Article	IF	Citations
1	A reference panel of 64,976 haplotypes for genotype imputation. Nature Genetics, 2016, 48, 1279-1283.	21.4	2,421
2	Cell Biology of the Glomerular Podocyte. Physiological Reviews, 2003, 83, 253-307.	28.8	1,285
3	Netting Neutrophils Induce Endothelial Damage, Infiltrate Tissues, and Expose Immunostimulatory Molecules in Systemic Lupus Erythematosus. Journal of Immunology, 2011, 187, 538-552.	0.8	1,039
4	Hypoxia promotes fibrogenesis in vivo via HIF-1 stimulation of epithelial-to-mesenchymal transition. Journal of Clinical Investigation, 2007, 117, 3810-20.	8.2	778
5	Global kidney health 2017 and beyond: a roadmap for closing gaps in care, research, and policy. Lancet, The, 2017, 390, 1888-1917.	13.7	662
6	Mouse Models of Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2009, 20, 2503-2512.	6.1	582
7	Modification of kidney barrier function by the urokinase receptor. Nature Medicine, 2008, 14, 55-63.	30.7	501
8	The immune cell landscape in kidneys of patients with lupus nephritis. Nature Immunology, 2019, 20, 902-914.	14.5	501
9	Induction of B7-1 in podocytes is associated with nephrotic syndrome. Journal of Clinical Investigation, 2004, 113, 1390-1397.	8.2	495
10	Role of mTOR in podocyte function and diabetic nephropathy in humans and mice. Journal of Clinical Investigation, 2011, 121, 2197-2209.	8.2	467
11	mTORC1 activation in podocytes is a critical step in the development of diabetic nephropathy in mice. Journal of Clinical Investigation, 2011, 121, 2181-2196.	8.2	462
12	Nomenclature for kidney function and disease: report of a Kidney Disease: Improving Global Outcomes (KDIGO) Consensus Conference. Kidney International, 2020, 97, 1117-1129.	5.2	407
13	Modular Activation of Nuclear Factor-Î°B Transcriptional Programs in Human Diabetic Nephropathy. Diabetes, 2006, 55, 2993-3003.	0.6	386
14	The Glomerular Slit Diaphragm Is a Modified Adherens Junction. Journal of the American Society of Nephrology: JASN, 2000, 11, 1-8.	6.1	384
15	Enabling the genomic revolution in Africa. Science, 2014, 344, 1346-1348.	12.6	361
16	High-Throughput Screening Enhances Kidney Organoid Differentiation from Human Pluripotent Stem Cells and Enables Automated Multidimensional Phenotyping. Cell Stem Cell, 2018, 22, 929-940.e4.	11.1	328
17	Tissue transcriptome-driven identification of epidermal growth factor as a chronic kidney disease biomarker. Science Translational Medicine, 2015, 7, 316ra193.	12.4	304
18	From Fibrosis to Sclerosis. Diabetes, 2008, 57, 1439-1445.	0.6	275

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19	Induction of TRPC6 Channel in Acquired Forms of Proteinuric Kidney Disease. Journal of the American Society of Nephrology: JASN, 2007, 18, 29-36.	6.1	272
20	Design of the Nephrotic Syndrome Study Network (NEPTUNE) to evaluate primary glomerular nephropathy by a multidisciplinary approach. Kidney International, 2013, 83, 749-756.	5.2	268
21	Enhanced Expression of Janus Kinaseâ€“Signal Transducer and Activator of Transcription Pathway Members in Human Diabetic Nephropathy. Diabetes, 2009, 58, 469-477.	0.6	262
22	A signature of circulating inflammatory proteins and development of end-stage renal disease in diabetes. Nature Medicine, 2019, 25, 805-813.	30.7	260
23	Quantitative gene expression analysis in renal biopsies: A novel protocol for a high-throughput multicenter application. Kidney International, 2002, 61, 133-140.	5.2	247
24	Decrease and Gain of Gene Expression Are Equally Discriminatory Markers for Prostate Carcinoma. American Journal of Pathology, 2002, 160, 2169-2180.	3.8	245
25	Proteinuria and Hyperglycemia Induce Endoplasmic Reticulum Stress. Journal of the American Society of Nephrology: JASN, 2008, 19, 2225-2236.	6.1	228
26	Early Glomerular Filtration Defect and Severe Renal Disease in Podocin-Deficient Mice. Molecular and Cellular Biology, 2004, 24, 550-560.	2.3	223
27	Fibroblast Growth Factor 23 and Inflammation in CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 1155-1162.	4.5	217
28	Interstitial Vascular Rarefaction and Reduced VEGF-A Expression in Human Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2007, 18, 1765-1776.	6.1	215
29	Viral Double-Stranded RNA Aggravates Lupus Nephritis through Toll-Like Receptor 3 on Glomerular Mesangial Cells and Antigen-Presenting Cells. Journal of the American Society of Nephrology: JASN, 2005, 16, 1326-1338.	6.1	207
30	Activation of tollâ€like receptorâ€9 induces progression of renal disease in MRLâ€Fas(lpr) mice. FASEB Journal, 2004, 18, 534-536.	0.5	204
31	Cross-Species Transcriptional Network Analysis Defines Shared Inflammatory Responses in Murine and Human Lupus Nephritis. Journal of Immunology, 2012, 189, 988-1001.	0.8	196
32	Defining cell-type specificity at the transcriptional level in human disease. Genome Research, 2013, 23, 1862-1873.	5.5	196
33	Loss of the tumor suppressor Vhlh leads to upregulation of Cxcr4 and rapidly progressive glomerulonephritis in mice. Nature Medicine, 2006, 12, 1081-1087.	30.7	191
34	Proteolytic processing of dynamin by cytoplasmic cathepsin L is a mechanism for proteinuric kidney disease. Journal of Clinical Investigation, 2007, 117, 2095-2104.	8.2	188
35	Tissue-specific metabolic reprogramming drives nutrient flux in diabetic complications. JCI Insight, 2016, 1, e86976.	5.0	188
36	JAK1/JAK2 inhibition by baricitinib in diabetic kidney disease: results from a Phase 2 randomized controlled clinical trial. Nephrology Dialysis Transplantation, 2018, 33, 1950-1959.	0.7	183

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37	Re-expression of the developmental gene Pax-2 during experimental acute tubular necrosis in mice1. Kidney International, 1999, 56, 1423-1431.	5.2	176
38	Identification of Cross-Species Shared Transcriptional Networks of Diabetic Nephropathy in Human and Mouse Glomeruli. Diabetes, 2013, 62, 299-308.	0.6	163
39	Inflammasome Activation of IL-18 Results in Endothelial Progenitor Cell Dysfunction in Systemic Lupus Erythematosus. Journal of Immunology, 2011, 187, 6143-6156.	0.8	162
40	Novel Role of Toll-Like Receptor 3 in Hepatitis C-Associated Glomerulonephritis. American Journal of Pathology, 2006, 168, 370-385.	3.8	150
41	An eQTL Landscape of Kidney Tissue in Human Nephrotic Syndrome. American Journal of Human Genetics, 2018, 103, 232-244.	6.2	147
42	Urine Podocyte mRNAs Mark Progression of Renal Disease. Journal of the American Society of Nephrology: JASN, 2009, 20, 1041-1052.	6.1	143
43	Validation of endogenous controls for gene expression analysis in microdissected human renal biopsies. Kidney International, 2003, 64, 356-360.	5.2	139
44	Modification of the transcriptomic response to renal ischemia/reperfusion injury by lipoxin analog. Kidney International, 2003, 64, 480-492.	5.2	138
45	Podocyte-Specific Deletion of Integrin-Linked Kinase Results in Severe Glomerular Basement Membrane Alterations and Progressive Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2006, 17, 1334-1344.	6.1	137
46	Role of Podocytes for Reversal of Glomerulosclerosis and Proteinuria in the Aging Kidney After Endothelin Inhibition. Hypertension, 2004, 44, 974-981.	2.7	135
47	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
48	MicroRNA-21 in Glomerular Injury. Journal of the American Society of Nephrology: JASN, 2015, 26, 805-816.	6.1	133
49	The identification of gene expression profiles associated with progression of human diabetic neuropathy. Brain, 2011, 134, 3222-3235.	7.6	132
50	A Unique Hybrid Renal Mononuclear Phagocyte Activation Phenotype in Murine Systemic Lupus Erythematosus Nephritis. Journal of Immunology, 2011, 186, 4994-5003.	0.8	132
51	Single-cell analysis of progenitor cell dynamics and lineage specification in the human fetal kidney. Development (Cambridge), 2018, 145, .	2.5	130
52	CCR1 blockade reduces interstitial inflammation and fibrosis in mice with glomerulosclerosis and nephrotic syndrome. Kidney International, 2004, 66, 2264-2278.	5.2	129
53	Bioinformatic Analysis of the Urine Proteome of Acute Allograft Rejection. Journal of the American Society of Nephrology: JASN, 2004, 15, 3240-3248.	6.1	128
54	Cyclodextrin Protects Podocytes in Diabetic Kidney Disease. Diabetes, 2013, 62, 3817-3827.	0.6	127

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55	Growth Differentiation Factorâ€“15 and Risk of CKD Progression. Journal of the American Society of Nephrology: JASN, 2017, 28, 2233-2240.	6.1	127
56	Expression of Gremlin, a Bone Morphogenetic Protein Antagonist, in Human Diabetic Nephropathy. American Journal of Kidney Diseases, 2005, 45, 1034-1039.	1.9	125
57	Divergent functions of the Rho GTPases Rac1 and Cdc42 in podocyte injury. Kidney International, 2013, 84, 920-930.	5.2	125
58	Chemokine Receptor CCR1 But Not CCR5 Mediates Leukocyte Recruitment and Subsequent Renal Fibrosis after Unilateral Ureteral Obstruction. Journal of the American Society of Nephrology: JASN, 2004, 15, 337-347.	6.1	124
59	Local TNF causes NFATc1-dependent cholesterol-mediated podocyte injury. Journal of Clinical Investigation, 2016, 126, 3336-3350.	8.2	123
60	Toll-Like Receptor-7 Modulates Immune Complex Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2006, 17, 141-149.	6.1	121
61	Gene Expression Profiles of Podocyte-Associated Molecules as Diagnostic Markers in Acquired Proteinuric Diseases. Journal of the American Society of Nephrology: JASN, 2003, 14, 2958-2966.	6.1	120
62	The genetic architecture of membranous nephropathy and its potential to improve non-invasive diagnosis. Nature Communications, 2020, 11, 1600.	12.8	120
63	Sphingomyelinase-Like Phosphodiesterase 3b Expression Levels Determine Podocyte Injury Phenotypes in Glomerular Disease. Journal of the American Society of Nephrology: JASN, 2015, 26, 133-147.	6.1	119
64	Genome-Wide Association and Trans-ethnic Meta-Analysis for Advanced Diabetic Kidney Disease: Family Investigation of Nephropathy and Diabetes (FIND). PLoS Genetics, 2015, 11, e1005352.	3.5	118
65	The Detrimental Effects of IFN-Î± on Vasculogenesis in Lupus Are Mediated by Repression of IL-1 Pathways: Potential Role in Atherogenesis and Renal Vascular Rarefaction. Journal of Immunology, 2010, 185, 4457-4469.	0.8	117
66	Lupus Nephritis Susceptibility Loci in Women with Systemic Lupus Erythematosus. Journal of the American Society of Nephrology: JASN, 2014, 25, 2859-2870.	6.1	117
67	Vascular endothelial growth factor production and regulation in human peritoneal mesothelial cells. Kidney International, 2002, 61, 570-578.	5.2	116
68	Comparative promoter analysis allows de novo identification of specialized cell junction-associated proteins. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5682-5687.	7.1	114
69	Expression and regulation of Toll-like receptors in lupus-like immune complex glomerulonephritis of MRL-Fas(lpr) mice. Nephrology Dialysis Transplantation, 2006, 21, 3062-3073.	0.7	113
70	Localization of APOL1 Protein and mRNA in the Human Kidney. Journal of the American Society of Nephrology: JASN, 2015, 26, 339-348.	6.1	113
71	Alteration of Forkhead Box O (Foxo4) Acetylation Mediates Apoptosis of Podocytes in Diabetes Mellitus. PLoS ONE, 2011, 6, e23566.	2.5	113
72	Antitumoral Activity of Rapamycin in Renal Angiomyolipoma Associated With Tuberous Sclerosis Complex. American Journal of Kidney Diseases, 2006, 48, e27-e29.	1.9	112

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73	Integrative Biology Identifies Shared Transcriptional Networks in CKD. Journal of the American Society of Nephrology: JASN, 2014, 25, 2559-2572.	6.1	112
74	A reassessment of soluble urokinase-type plasminogen activator receptor in glomerular disease. Kidney International, 2015, 87, 564-574.	5.2	111
75	Integrative Genomics Identifies Novel Associations with APOL1 Risk Genotypes in Black NEPTUNE Subjects. Journal of the American Society of Nephrology: JASN, 2016, 27, 814-823.	6.1	110
76	CXCR3 Is Involved in Tubulointerstitial Injury in Human Glomerulonephritis. American Journal of Pathology, 2004, 164, 635-649.	3.8	108
77	The Contribution of B Cells to Renal Interstitial Inflammation. American Journal of Pathology, 2007, 170, 457-468.	3.8	108
78	Single cell transcriptomics identifies focal segmental glomerulosclerosis remission endothelial biomarker. JCI Insight, 2020, 5, .	5.0	108
79	Transcriptional Profiling of Diabetic Neuropathy in the BKS db/db Mouse. Diabetes, 2011, 60, 1981-1989.	0.6	107
80	JAK inhibition in the treatment of diabetic kidney disease. Diabetologia, 2016, 59, 1624-1627.	6.3	107
81	Late Onset of Treatment with a Chemokine Receptor CCR1 Antagonist Prevents Progression of Lupus Nephritis in MRL-Fas(lpr) Mice. Journal of the American Society of Nephrology: JASN, 2004, 15, 1504-1513.	6.1	105
82	A Molecular Profile of Focal Segmental Glomerulosclerosis from Formalin-Fixed, Paraffin-Embedded Tissue. American Journal of Pathology, 2010, 177, 1674-1686.	3.8	104
83	Metabolomics and Gene Expression Analysis Reveal Down-regulation of the Citric Acid (TCA) Cycle in Non-diabetic CKD Patients. EBioMedicine, 2017, 26, 68-77.	6.1	103
84	ATP-binding cassette A1 deficiency causes cardiolipin-driven mitochondrial dysfunction in podocytes. Journal of Clinical Investigation, 2019, 129, 3387-3400.	8.2	103
85	Integrin linked kinase as a candidate downstream effector in proteinuria. FASEB Journal, 2001, 15, 1843-1845.	0.5	101
86	Metabolic pathways and immunometabolism in rare kidney diseases. Annals of the Rheumatic Diseases, 2018, 77, annrheumdis-2017-212935.	0.9	101
87	The Death Ligand TRAIL in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2008, 19, 904-914.	6.1	100
88	Integrated multi-omics approaches to improve classification of chronic kidney disease. Nature Reviews Nephrology, 2020, 16, 657-668.	9.6	99
89	A chemokine receptor CCR-1 antagonist reduces renal fibrosis after unilateral ureter ligation. Journal of Clinical Investigation, 2002, 109, 251-259.	8.2	99
90	Bacterial CpG-DNA Aggravates Immune Complex Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2003, 14, 317-326.	6.1	95

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91	Human Nephrosclerosis Triggers a Hypoxia-Related Glomerulopathy. American Journal of Pathology, 2010, 176, 594-607.	3.8	95
92	Delayed Chemokine Receptor 1 Blockade Prolongs Survival in Collagen 4A3â€“Deficient Mice with Alport Disease. Journal of the American Society of Nephrology: JASN, 2005, 16, 977-985.	6.1	94
93	The MIF Receptor CD74 in Diabetic Podocyte Injury. Journal of the American Society of Nephrology: JASN, 2009, 20, 353-362.	6.1	94
94	Rationale and design of the Kidney Precision Medicine Project. Kidney International, 2021, 99, 498-510.	5.2	94
95	Laser microdissection and gene expression analysis on formaldehyde-fixed archival tissue. Kidney International, 2002, 61, 125-132.	5.2	93
96	Kindlin-2 regulates podocyte adhesion and fibronectin matrix deposition through interactions with phosphoinositides and integrins. Journal of Cell Science, 2011, 124, 879-891.	2.0	92
97	MultiPLIER: A Transfer Learning Framework for Transcriptomics Reveals Systemic Features of Rare Disease. Cell Systems, 2019, 8, 380-394.e4.	6.2	92
98	Inflammation and elevated levels of fibroblast growth factor 23 are independent risk factors forÂdeath in chronic kidney disease. Kidney International, 2017, 91, 711-719.	5.2	91
99	COVID-19 and Diabetes: A Collision and Collusion of Two Diseases. Diabetes, 2020, 69, 2549-2565.	0.6	91
100	Toll-like receptor-4: Renal cells and bone marrow cells signal for neutrophil recruitment during pyelonephritis. Kidney International, 2005, 68, 2582-2587.	5.2	90
101	Periostin Is Induced in Glomerular Injury and Expressed de Novo in Interstitial Renal Fibrosis. American Journal of Pathology, 2011, 179, 1756-1767.	3.8	90
102	Targeted Glomerular Angiopoietin-1 Therapy for Early Diabetic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2014, 25, 33-42.	6.1	87
103	Interstitial fibrosis scored on whole-slide digital imaging of kidney biopsies is a predictor of outcome in proteinuric glomerulopathies. Nephrology Dialysis Transplantation, 2018, 33, 310-318.	0.7	85
104	Roles of SLC/CCL21 and CCR7 in Human Kidney for Mesangial Proliferation, Migration, Apoptosis, and Tissue Homeostasis. Journal of Immunology, 2002, 168, 4301-4307.	0.8	83
105	GDF-15, Galectin 3, Soluble ST2, and Risk of Mortality and Cardiovascular Events in CKD. American Journal of Kidney Diseases, 2018, 72, 519-528.	1.9	82
106	LRG1 Promotes Diabetic Kidney Disease Progression by Enhancing TGF-Î²â€“Induced Angiogenesis. Journal of the American Society of Nephrology: JASN, 2019, 30, 546-562.	6.1	82
107	NFÎºB Promotes Inflammation, Coagulation, and Fibrosis in the Aging Glomerulus. Journal of the American Society of Nephrology: JASN, 2010, 21, 587-597.	6.1	81
108	BASP1 Promotes Apoptosis in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2010, 21, 610-621.	6.1	81

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109	The Ubiquitin-Like Protein FAT10 Mediates NF-Î¹B Activation. Journal of the American Society of Nephrology: JASN, 2010, 21, 316-326.	6.1	81
110	Digital Pathology Evaluation in the Multicenter Nephrotic Syndrome Study Network (NEPTUNE). Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 1449-1459.	4.5	80
111	A Molecular Signature of Proteinuria in Glomerulonephritis. PLoS ONE, 2010, 5, e13451.	2.5	78
112	Systematically Differentiating Functions for Alternatively Spliced Isoforms through Integrating RNA-seq Data. PLoS Computational Biology, 2013, 9, e1003314.	3.2	78
113	Gene expression fingerprints in human tubulointerstitial inflammation and fibrosis as prognostic markers of disease progression. Kidney International, 2004, 65, 904-917.	5.2	75
114	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
115	Increased lipogenesis and impaired Î²-oxidation predict type 2 diabetic kidney disease progression in American Indians. JCI Insight, 2019, 4, .	5.0	74
116	Organoid single cell profiling identifies a transcriptional signature of glomerular disease. JCI Insight, 2019, 4, .	5.0	73
117	Chemokine and Chemokine Receptor Expression during Initiation and Resolution of Immune Complex Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2001, 12, 919-931.	6.1	73
118	Rosiglitazone reduces renal and plasma markers of oxidative injury and reverses urinary metabolite abnormalities in the amelioration of diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2008, 295, F1071-F1081.	2.7	72
119	Transethnic, Genome-Wide Analysis Reveals Immune-Related Risk Alleles and Phenotypic Correlates in Pediatric Steroid-Sensitive Nephrotic Syndrome. Journal of the American Society of Nephrology: JASN, 2018, 29, 2000-2013.	6.1	72
120	Functional consequences of integrin-linked kinase activation in podocyte damage. Kidney International, 2005, 67, 514-523.	5.2	71
121	Systematic Analysis of a Novel Human Renal Glomerulus-Enriched Gene Expression Dataset. PLoS ONE, 2010, 5, e11545.	2.5	71
122	Regulation of adhesive interaction between podocytes and glomerular basement membrane. Microscopy Research and Technique, 2002, 57, 247-253.	2.2	70
123	PDGF-C Expression in the Developing and Normal Adult Human Kidney and in Glomerular Diseases. Journal of the American Society of Nephrology: JASN, 2003, 14, 1145-1153.	6.1	69
124	Improved Elucidation of Biological Processes Linked to Diabetic Nephropathy by Single Probe-Based Microarray Data Analysis. PLoS ONE, 2008, 3, e2937.	2.5	69
125	A Frequent Pathway to Glomerulosclerosis: Deterioration of Tuft Architecture – Podocyte Damage – Segmental Sclerosis. Kidney and Blood Pressure Research, 1996, 19, 245-253.	2.0	68
126	Defining human diabetic nephropathy on the molecular level: Integration of transcriptomic profiles with biological knowledge. Reviews in Endocrine and Metabolic Disorders, 2008, 9, 267-274.	5.7	68

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127	CureGN Study Rationale, Design, and Methods: Establishing a Large Prospective Observational Study of Glomerular Disease. American Journal of Kidney Diseases, 2019, 73, 218-229.	1.9	68
128	Podocyte-specific JAK2 overexpression worsens diabetic kidney disease in mice. Kidney International, 2017, 92, 909-921.	5.2	67
129	A reference tissue atlas for the human kidney. Science Advances, 2022, 8, .	10.3	67
130	Gene expression profiling analysis in nephrology: towards molecular definition of renal disease. Clinical and Experimental Nephrology, 2006, 10, 91-98.	1.6	65
131	Transcriptomic and Proteomic Profiling Provides Insight into Mesangial Cell Function in IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2017, 28, 2961-2972.	6.1	65
132	International consensus definitions of clinical trial outcomes for kidney failure: 2020. Kidney International, 2020, 98, 849-859.	5.2	65
133	SARS-CoV-2 receptor networks in diabetic and COVID-19â€“associated kidney disease. Kidney International, 2020, 98, 1502-1518.	5.2	64
134	Transcriptome-based network analysis reveals renal cell type-specific dysregulation of hypoxia-associated transcripts. Scientific Reports, 2017, 7, 8576.	3.3	62
135	FSGS as an Adaptive Response to Growth-Induced Podocyte Stress. Journal of the American Society of Nephrology: JASN, 2017, 28, 2931-2945.	6.1	62
136	JAK-STAT signaling is activated in the kidney and peripheral blood cells of patients with focal segmental glomerulosclerosis. Kidney International, 2018, 94, 795-808.	5.2	62
137	Detection of multiple vascular endothelial growth factor splice isoforms in single glomerular podocytes. Kidney International, 1998, 54, S159-S161.	5.2	61
138	Intrarenal production of B-cell survival factors in human lupus nephritis. Modern Pathology, 2011, 24, 98-107.	5.5	61
139	Renal Gene and Protein Expression Signatures for Prediction of Kidney Disease Progression. American Journal of Pathology, 2009, 174, 2073-2085.	3.8	60
140	APOL1-associated glomerular disease among African-American children: a collaboration of the Chronic Kidney Disease in Children (CKiD) and Nephrotic Syndrome Study Network (NEPTUNE) cohorts. Nephrology Dialysis Transplantation, 2017, 32, gfw061.	0.7	60
141	A multimodal and integrated approach to interrogate human kidney biopsies with rigor and reproducibility: guidelines from the Kidney Precision Medicine Project. Physiological Genomics, 2021, 53, 1-11.	2.3	59
142	Formation and Phosphorylation of the PINCH-1â€“Integrin Linked Kinaseâ€“Î±-Parvin Complex Are Important for Regulation of Renal Glomerular Podocyte Adhesion, Architecture, and Survival. Journal of the American Society of Nephrology: JASN, 2005, 16, 1966-1976.	6.1	58
143	CD20-positive infiltrates in human membranous glomerulonephritis. Journal of Nephrology, 2005, 18, 328-33.	2.0	58
144	IHG-1 Amplifies TGF-Î²1 Signaling and Is Increased in Renal Fibrosis. Journal of the American Society of Nephrology: JASN, 2008, 19, 1672-1680.	6.1	57

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145	Genetic and environmental risk factors for chronic kidney disease. Kidney International Supplements, 2017, 7, 88-106.	14.2	57
146	An Outcomes-Based Definition of Proteinuria Remission in Focal Segmental Glomerulosclerosis. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 414-421.	4.5	57
147	Reproducibility of the NEPTUNE descriptor-based scoring system on whole-slide images and histologic and ultrastructural digital images. Modern Pathology, 2016, 29, 671-684.	5.5	56
148	Hydroxypropyl-Î²-cyclodextrin protects from kidney disease in experimental Alport syndrome and focal segmental glomerulosclerosis. Kidney International, 2018, 94, 1151-1159.	5.2	56
149	Repuncturing the Renal Biopsy: Strategies for Molecular Diagnosis in Nephrology. Journal of the American Society of Nephrology: JASN, 2002, 13, 1961-1972.	6.1	54
150	A molecular morphometric approach to diabeticÂkidney disease can link structure toÂfunction and outcome. Kidney International, 2018, 93, 439-449.	5.2	54
151	Altered gene expression and functions of mitochondria in human nephrotic syndrome. FASEB Journal, 1999, 13, 523-532.	0.5	53
152	Glomerular Podocytes Possess the Synaptic Vesicle Molecule Rab3A and Its Specific Effector Rabphilin-3a. American Journal of Pathology, 2003, 163, 889-899.	3.8	53
153	Complete Remission in the Nephrotic Syndrome Study Network. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 81-89.	4.5	53
154	Differential Expression of Profibrotic and Growth Factors in Chronic Allograft Nephropathy. Transplantation, 2006, 81, 342-349.	1.0	52
155	The relatively poor correlation between random andÂ24-hour urine protein excretion in patients withÂbiopsy-proven glomerular diseases. Kidney International, 2016, 90, 1080-1089.	5.2	51
156	Identification of Stageâ€Specific Genes Associated With Lupus Nephritis and Response to Remission Induction in (NZB Ã— NZW)F1 and NZM2410 Mice. Arthritis and Rheumatology, 2014, 66, 2246-2258.	5.6	50
157	Spatial and Temporally Restricted Expression of Chemokines and Chemokine Receptors in the Developing Human Kidney. Journal of the American Society of Nephrology: JASN, 2002, 13, 957-967.	6.1	50
158	The Peroxisome Proliferator-Activated Receptor Î³ Agonist Pioglitazone Improves Cardiometabolic Risk and Renal Inflammation in Murine Lupus. Journal of Immunology, 2009, 183, 2729-2740.	0.8	49
159	The Metabolic Syndrome and Microvascular Complications in a Murine Model of Type 2 Diabetes. Diabetes, 2015, 64, 3294-3304.	0.6	49
160	Influence of Native and Hypochlorite-Modified Low-Density Lipoprotein on Gene Expression in Human Proximal Tubular Epithelium. American Journal of Pathology, 2004, 164, 2175-2187.	3.8	48
161	Bcl-2â€“Modifying Factor Induces Renal Proximal Tubular Cell Apoptosis in Diabetic Mice. Diabetes, 2012, 61, 474-484.	0.6	48
162	Palladin is a dynamic actin-associated protein in podocytes. Kidney International, 2009, 75, 214-226.	5.2	47

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163	BK Virus Associated Nephropathy in Native Kidneys of a Heart Allograft Recipient. American Journal of Transplantation, 2005, 5, 1562-1568.	4.7	46
164	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
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