Matthias Kretzler

List of Publications by Year in Descending Order

324 papers	22,481 citations	81 h-index	140 g-index
356 ext. papers	27,169 ext. citations	8.7 avg, IF	6.34 L-index

#	Paper	IF	Citations
324	Inflammation, Hyperglycemia, and Adverse Outcomes in Individuals With Diabetes Mellitus Hospitalized for COVID-19.. *Diabetes Care*, **2022**,	14.6	3
323	Urine Single-Cell RNA Sequencing in Focal Segmental Glomerulosclerosis Reveals Inflammatory Signatures.. *Kidney International Reports*, **2022**, 7, 289-304	4.1	1
322	Systems biology in diagnosis and treatment of kidney disease **2022**, 465-479		
321	Unsupervised machine learning for identifying important visual features through bag-of-words using histopathology data from chronic kidney disease.. *Scientific Reports*, **2022**, 12, 4832	4.9	0
320	Micro-dissection and integration of long and short reads to create a robust catalog of kidney compartment-specific isoforms.. *PLoS Computational Biology*, **2022**, 18, e1010040	5	
319	Urine Proteomics and Renal Single Cell Transcriptomics Implicate IL-16 in Lupus Nephritis. *Arthritis and Rheumatology*, **2021**,	9.5	1
318	Cross-validation of SARS-CoV-2 responses in kidney organoids and clinical populations. *JCI Insight*, **2021**,	9.9	1
317	Quantification of Glomerular Structural Lesions: Associations With Clinical Outcomes and Transcriptomic Profiles in Nephrotic Syndrome. *American Journal of Kidney Diseases*, **2021**,	7.4	1
316	Urinary excretion of epidermal growth factor and rapid loss of kidney function. *Nephrology Dialysis Transplantation*, **2021**, 36, 1882-1892	4.3	4
315	Gene expression profiles of diabetic kidney disease and neuropathy in eNOS knockout mice: Predictors of pathology and RAS blockade effects. *FASEB Journal*, **2021**, 35, e21467	0.9	4
314	Kidney Injury Molecule-1 and Periostin Urinary Excretion and Tissue Expression Levels and Association with Glomerular Disease Outcomes. *Complex Psychiatry*, **2021**, 1, 45-59	2.3	0
313	IGFBP-1 expression is reduced in human type 2 diabetic glomeruli and modulates 1-integrin/FAK signalling in human podocytes. *Diabetologia*, **2021**, 64, 1690-1702	10.3	4
312	APOL1 genotype-associated morphologic changes among patients with focal segmental glomerulosclerosis. *Pediatric Nephrology*, **2021**, 36, 2747-2757	3.2	2
311	Angiotensin II up-regulates sodium-glucose co-transporter 2 expression and SGLT2 inhibitor attenuates Ang II-induced hypertensive renal injury in mice. *Clinical Science*, **2021**, 135, 943-961	6.5	8
310	Uncovering genetic mechanisms of hypertension through multi-omic analysis of the kidney. *Nature Genetics*, **2021**, 53, 630-637	36.3	5
309	Nephrotic syndrome disease activity is proportional to its associated hypercoagulopathy. *Thrombosis Research*, **2021**, 201, 50-59	8.2	2
308	Perspectives on a Way Forward to Implementation of Precision Medicine in Patients With Diabetic Kidney Disease; Results of a Stakeholder Consensus-Building Meeting. *Frontiers in Pharmacology*, **2021**, 12, 662642	5.6	1

307	Urinary EGF and MCP-1 and risk of CKD after cardiac surgery. *JCI Insight*, **2021**, 6,	9.9	4
306	Perspectives in systems nephrology. *Cell and Tissue Research*, **2021**, 385, 475-488	4.2	0
305	Pro-cachectic factors link experimental and human chronic kidney disease to skeletal muscle wasting programs. *Journal of Clinical Investigation*, **2021**, 131,	15.9	7
304	Comprehensive Search for Novel Circulating miRNAs and Axon Guidance Pathway Proteins Associated with Risk of ESKD in Diabetes. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 2331-2351	12.7	3
303	Pima Indian Contributions to Our Understanding of Diabetic Kidney Disease. *Diabetes*, **2021**, 70, 1603-1616	7.7	3
302	Renin-angiotensin system inhibition reverses the altered triacylglycerol metabolic network in diabetic kidney disease. *Metabolomics*, **2021**, 17, 65	4.7	2
301	Annexin A1 alleviates kidney injury by promoting the resolution of inflammation in diabetic nephropathy. *Kidney International*, **2021**, 100, 107-121	9.9	10
300	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	3.6	21
299	Diminished retinal complex lipid synthesis and impaired fatty acid β-oxidation associated with human diabetic retinopathy. *JCI Insight*, **2021**, 6,	9.9	3
298	The Clinical Application of Urine Soluble CD163 in ANCA-Associated Vasculitis. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 2920-2932	12.7	1
297	Cadherin-11, Sparc-related modular calcium binding protein-2, and Pigment epithelium-derived factor are promising non-invasive biomarkers of kidney fibrosis. *Kidney International*, **2021**, 100, 672-683	9.9	1
296	Glomerular endothelial cell-podocyte stresses and crosstalk in structurally normal kidney transplants.. *Kidney International*, **2021**,	9.9	1
295	A glomerular transcriptomic landscape of apolipoprotein L1 in Black patients with focal segmental glomerulosclerosis.. *Kidney International*, **2021**,	9.9	1
294	JAK-STAT Activity in Peripheral Blood Cells and Kidney Tissue in IgA Nephropathy. *Clinical Journal of the American Society of Nephrology: CJASN*, **2020**, 15, 973-982	6.9	7
293	Integrated multi-omics approaches to improve classification of chronic kidney disease. *Nature Reviews Nephrology*, **2020**, 16, 657-668	14.9	35
292	Proteomic Analysis Identifies Distinct Glomerular Extracellular Matrix in Collapsing Focal Segmental Glomerulosclerosis. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 1883-1904	12.7	20
291	A role for NPY-NPY2R signaling in albuminuric kidney disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 15862-15873	11.5	3
290	Nomenclature for kidney function and disease: report of a Kidney Disease: Improving Global Outcomes (KDIGO) Consensus Conference. *Kidney International*, **2020**, 97, 1117-1129	9.9	176

289	The genetic architecture of membranous nephropathy and its potential to improve non-invasive diagnosis. *Nature Communications*, **2020**, 11, 1600	17.4	42
288	Prognostic imaging biomarkers for diabetic kidney disease (iBEAt): study protocol. *BMC Nephrology* , **2020**, 21, 242	2.7	4
287	Persistent Disease Activity in Patients With Long-Standing Glomerular Disease. *Kidney International Reports*, **2020**, 5, 860-871	4.1	2
286	Machine learning, the kidney, and genotype-phenotype analysis. *Kidney International*, **2020**, 97, 1141-1149	9.9	8
285	Single cell transcriptomics identifies focal segmental glomerulosclerosis remission endothelial biomarker. *JCI Insight*, **2020**, 5,	9.9	52
284	Soluble RARRES1 induces podocyte apoptosis to promote glomerular disease progression. *Journal of Clinical Investigation*, **2020**, 130, 5523-5535	15.9	13
283	SARS-CoV-2 receptor networks in diabetic and COVID-19 associated kidney disease **2020**,		2
282	Urinary Epidermal Growth Factor as a Marker of Disease Progression in Children With Nephrotic Syndrome. *Kidney International Reports*, **2020**, 5, 414-425	4.1	2
281	Longitudinal Changes in Health-Related Quality of Life in Primary Glomerular Disease: Results From the CureGN Study. *Kidney International Reports*, **2020**, 5, 1679-1689	4.1	4
280	SARS-CoV-2 receptor networks in diabetic and COVID-19-associated kidney disease. *Kidney International*, **2020**, 98, 1502-1518	9.9	33
279	International consensus definitions of clinical trial outcomes for kidney failure: 2020. *Kidney International*, **2020**, 98, 849-859	9.9	19
278	Estimated GFR Trajectories in Pediatric and Adult Nephrotic Syndrome: Results From the Nephrotic Syndrome Study Network (NEPTUNE). *Kidney Medicine*, **2020**, 2, 407-417	2.8	1
277	Modelling kidney disease using ontology: insights from the Kidney Precision Medicine Project. *Nature Reviews Nephrology*, **2020**, 16, 686-696	14.9	17
276	Transcriptome analysis of primary podocytes reveals novel calcium regulated regulatory networks. *FASEB Journal*, **2020**, 34, 14490-14506	0.9	
275	COVID-19 and Diabetes: A Collision and Collusion of Two Diseases. *Diabetes*, **2020**, 69, 2549-2565	0.9	40
274	The longitudinal relationship between patient-reported outcomes and clinical characteristics among patients with focal segmental glomerulosclerosis in the Nephrotic Syndrome Study Network. *CKJ: Clinical Kidney Journal*, **2020**, 13, 597-606	4.5	9
273	Proteome Analysis of Isolated Podocytes Reveals Stress Responses in Glomerular Sclerosis. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 544-559	12.7	11
272	Systems Biology and Kidney Disease. *Clinical Journal of the American Society of Nephrology: CJASN*, **2020**, 15, 695-703	6.9	5

271	Integrative analysis of prognostic biomarkers derived from multiomics panels helps discrimination of chronic kidney disease trajectories in people with type 2 diabetes. *Kidney International*, **2019**, 96, 1381-1388	9.9	15
270	Identification of glomerular and podocyte-specific genes and pathways activated by sera of patients with focal segmental glomerulosclerosis. *PLoS ONE*, **2019**, 14, e0222948	3.7	6
269	Renal SGLT mRNA expression in human health and disease: a study in two cohorts. *American Journal of Physiology - Renal Physiology*, **2019**, 317, F1224-F1230	4.3	9
268	Soluble ST2 and Galectin-3 and Progression of CKD. *Kidney International Reports*, **2019**, 4, 103-111	4.1	25
267	Correlation Between Baseline GFR and Subsequent Change in GFR in Norwegian Adults Without Diabetes and in Pima Indians. *American Journal of Kidney Diseases*, **2019**, 73, 777-785	7.4	13
266	MultiPLIER: A Transfer Learning Framework for Transcriptomics Reveals Systemic Features of Rare Disease. *Cell Systems*, **2019**, 8, 380-394.e4	10.6	38
265	The immune cell landscape in kidneys of patients with lupus nephritis. *Nature Immunology*, **2019**, 20, 902-914	19.1	254
264	Changes in Albuminuria But Not GFR are Associated with Early Changes in Kidney Structure in Type 2 Diabetes. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 1049-1059	12.7	25
263	A signature of circulating inflammatory proteins and development of end-stage renal disease in diabetes. *Nature Medicine*, **2019**, 25, 805-813	50.5	136
262	Health-related quality of life in glomerular disease. *Kidney International*, **2019**, 95, 1209-1224	9.9	20
261	LRG1 Promotes Diabetic Kidney Disease Progression by Enhancing TGF--Induced Angiogenesis. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 546-562	12.7	53
260	Low levels of urinary epidermal growth factor predict chronic kidney disease progression in children. *Kidney International*, **2019**, 96, 214-221	9.9	23
259	Serum amyloid A and Janus kinase 2 in a mouse model of diabetic kidney disease. *PLoS ONE*, **2019**, 14, e0211555	3.7	10
258	Molecular Profiling of Cutaneous Lupus Lesions Identifies Subgroups Distinct from Clinical Phenotypes. *Journal of Clinical Medicine*, **2019**, 8,	5.1	24
257	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	12.7	66
256	Urinary Epidermal Growth Factor/Creatinine Ratio and Graft Failure in Renal Transplant Recipients: A Prospective Cohort Study. *Journal of Clinical Medicine*, **2019**, 8,	5.1	2
255	Organoid single cell profiling identifies a transcriptional signature of glomerular disease. *JCI Insight* , **2019**, 4,	9.9	46
254	Identification of dicarbonyl and L-xylulose reductase as a therapeutic target in human chronic kidney disease. *JCI Insight*, **2019**, 4,	9.9	3

253	Increased lipogenesis and impaired β-oxidation predict type 2 diabetic kidney disease progression in American Indians. *JCI Insight*, **2019**, 4,	9.9	32
252	ATP-binding cassette A1 deficiency causes cardiolipin-driven mitochondrial dysfunction in podocytes. *Journal of Clinical Investigation*, **2019**, 129, 3387-3400	15.9	53
251	Thrombin Generation in Nephrotic Syndrome Is Dependent on Remission Status and Hypercholestrolemia. *Blood*, **2019**, 134, 2422-2422	2.2	
250	Glomerular podocytes in kidney health and disease. *Lancet, The*, **2019**, 393, 856-858	40	9
249	Decoding the genetic determinants of gene regulation in the kidney. *Kidney International*, **2019**, 95, 16-18	9.9	2
248	CureGN Study Rationale, Design, and Methods: Establishing a Large Prospective Observational Study of Glomerular Disease. *American Journal of Kidney Diseases*, **2019**, 73, 218-229	7.4	39
247	Upregulation of Tumor Susceptibility Gene 101 (TSG101) by mechanical stress in podocytes. *Cellular and Molecular Biology*, **2019**, 65, 84-88	1.1	
246	An Outcomes-Based Definition of Proteinuria Remission in Focal Segmental Glomerulosclerosis. *Clinical Journal of the American Society of Nephrology: CJASN*, **2018**, 13, 414-421	6.9	27
245	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	4.3	48
244	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	4.3	118
243	A null variant in the apolipoprotein L3 gene is associated with non-diabetic nephropathy. *Nephrology Dialysis Transplantation*, **2018**, 33, 323-330	4.3	17
242	A molecular morphometric approach to diabetic kidney disease can link structure to function and outcome. *Kidney International*, **2018**, 93, 439-449	9.9	33
241	An eQTL Landscape of Kidney Tissue in Human Nephrotic Syndrome. *American Journal of Human Genetics*, **2018**, 103, 232-244	11	78
240	Single-Cell Sequencing the Glomerulus, Unraveling the Molecular Programs of Glomerular Filtration, One Cell at a Time. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 2036-2038	12.7	3
239	Validation of Plasma Biomarker Candidates for the Prediction of eGFR Decline in Patients With Type 2 Diabetes. *Diabetes Care*, **2018**, 41, 1947-1954	14.6	25
238	Renal matrix Gla protein expression increases progressively with CKD and predicts renal outcome. *Experimental and Molecular Pathology*, **2018**, 105, 120-129	4.4	14
237	Metabolic pathways and immunometabolism in rare kidney diseases. *Annals of the Rheumatic Diseases*, **2018**, 77, 1226-1233	2.4	41
236	Urinary epidermal growth factor predicts renal prognosis in antineutrophil cytoplasmic antibody-associated vasculitis. *Annals of the Rheumatic Diseases*, **2018**, 77, 1339-1344	2.4	11

235	FAR2 is associated with kidney disease in mice and humans. *Physiological Genomics*, **2018**, 50, 543-552	3.6	8
234	JAK-STAT signaling is activated in the kidney and peripheral blood cells of patients with focal segmental glomerulosclerosis. *Kidney International*, **2018**, 94, 795-808	9.9	32
233	GDF-15, Galectin 3, Soluble ST2, and Risk of Mortality and Cardiovascular Events in CKD. *American Journal of Kidney Diseases*, **2018**, 72, 519-528	7.4	54
232	Consent for Genetic Biobanking in a Diverse Multisite CKD Cohort. *Kidney International Reports*, **2018**, 3, 1267-1275	4.1	4
231	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	12.7	41
230	Tyro3 is a podocyte protective factor in glomerular disease. *JCI Insight*, **2018**, 3,	9.9	7
229	Shared and distinct lipid-lipid interactions in plasma and affected tissues in a diabetic mouse model. *Journal of Lipid Research*, **2018**, 59, 173-183	6.3	20
228	Novel avenues for drug discovery in diabetic kidney disease. *Expert Opinion on Drug Discovery*, **2018**, 13, 65-74	6.2	7
227	Systems biology approaches to identify disease mechanisms and facilitate targeted therapy in the management of glomerular disease. *Current Opinion in Nephrology and Hypertension*, **2018**, 27, 433-439	3.5	4
226	An integrative systems biology approach for precision medicine in diabetic kidney disease. *Diabetes, Obesity and Metabolism*, **2018**, 20 Suppl 3, 6-13	6.7	17
225	Hydroxypropyl-□cyclodextrin protects from kidney disease in experimental Alport syndrome and focal segmental glomerulosclerosis. *Kidney International*, **2018**, 94, 1151-1159	9.9	42
224	Single-cell analysis of progenitor cell dynamics and lineage specification in the human fetal kidney. *Development (Cambridge)*, **2018**, 145,	6.6	83
223	Clinical Characteristics and Treatment Patterns of Children and Adults With IgA Nephropathy or IgA Vasculitis: Findings From the CureGN Study. *Kidney International Reports*, **2018**, 3, 1373-1384	4.1	23
222	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	18	209
221	Renal Pre-Competitive Consortium (RPC): discovering therapeutic targets together. *Drug Discovery Today*, **2018**, 23, 1695-1699	8.8	4
220	Urinary epidermal growth factor as a prognostic marker for the progression of Alport syndrome in children. *Pediatric Nephrology*, **2018**, 33, 1731-1739	3.2	15
219	Comparative RNA-Seq transcriptome analyses reveal distinct metabolic pathways in diabetic nerve and kidney disease. *Journal of Cellular and Molecular Medicine*, **2017**, 21, 2140-2152	5.6	33
218	Growth Differentiation Factor-15 and Risk of CKD Progression. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 2233-2240	12.7	82

217	Global kidney health 2017 and beyond: a roadmap for closing gaps in care, research, and policy. *Lancet, The*, **2017**, 390, 1888-1917	40	419
216	Digital pathology imaging as a novel platform for standardization and globalization of quantitative nephropathology. *CKJ: Clinical Kidney Journal*, **2017**, 10, 176-187	4.5	34
215	Podocyte-specific JAK2 overexpression worsens diabetic kidney disease in mice. *Kidney International*, **2017**, 92, 909-921	9.9	46
214	Inflammation and elevated levels of fibroblast growth factor 23 are independent risk factors for death in chronic kidney disease. *Kidney International*, **2017**, 91, 711-719	9.9	65
213	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	5.4	57
212	Genetic and environmental risk factors for chronic kidney disease. *Kidney International Supplements* , **2017**, 7, 88-106	6.3	28
211	Strategies to improve monitoring disease progression, assessing cardiovascular risk, and defining prognostic biomarkers in chronic kidney disease. *Kidney International Supplements*, **2017**, 7, 107-113	6.3	17
210	Transcriptome-based network analysis reveals renal cell type-specific dysregulation of hypoxia-associated transcripts. *Scientific Reports*, **2017**, 7, 8576	4.9	39
209	Myeloperoxidase Levels and Its Product 3-Chlorotyrosine Predict Chronic Kidney Disease Severity and Associated Coronary Artery Disease. *American Journal of Nephrology*, **2017**, 46, 73-81	4.6	26
208	FSGS as an Adaptive Response to Growth-Induced Podocyte Stress. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 2931-2945	12.7	41
207	ORAI channels are critical for receptor-mediated endocytosis of albumin. *Nature Communications*, **2017**, 8, 1920	17.4	27
206	Metabolomics and Gene Expression Analysis Reveal Down-regulation of the Citric Acid (TCA) Cycle in Non-diabetic CKD Patients. *EBioMedicine*, **2017**, 26, 68-77	8.8	68
205	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	12.7	29
204	Blood Pressure and Visit-to-Visit Blood Pressure Variability Among Individuals With Primary Proteinuric Glomerulopathies. *Hypertension*, **2017**, 70, 315-323	8.5	15
203	Renal biopsy-driven molecular target identification in glomerular disease. *Pflugers Archiv European Journal of Physiology*, **2017**, 469, 1021-1028	4.6	6
202	Evaluating Mendelian nephrotic syndrome genes for evidence for risk alleles or oligogenicity that explain heritability. *Pediatric Nephrology*, **2017**, 32, 467-476	3.2	9
201	A systems approach to renal inflammation in SLE. *Clinical Immunology*, **2017**, 185, 109-118	9	10
200	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, 983-990	4.3	42

199	Integrative Genomics Identifies Novel Associations with APOL1 Risk Genotypes in Black NEPTUNE Subjects. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 814-23	12.7	78
198	A reference panel of 64,976 haplotypes for genotype imputation. *Nature Genetics*, **2016**, 48, 1279-83	36.3	1447
197	The relatively poor correlation between random and 24-hour urine protein excretion in patients with biopsy-proven glomerular diseases. *Kidney International*, **2016**, 90, 1080-1089	9.9	31
196	Defining Glomerular Disease in Mechanistic Terms: Implementing an Integrative Biology Approach in Nephrology. *Clinical Journal of the American Society of Nephrology: CJASN*, **2016**, 11, 2054-2060	6.9	31
195	JAK inhibition in the treatment of diabetic kidney disease. *Diabetologia*, **2016**, 59, 1624-7	10.3	86
194	Using Population Genetics to Interrogate the Monogenic Nephrotic Syndrome Diagnosis in a Case Cohort. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 1970-83	12.7	30
193	Complete Remission in the Nephrotic Syndrome Study Network. *Clinical Journal of the American Society of Nephrology: CJASN*, **2016**, 11, 81-9	6.9	37
192	Transcriptional networks of murine diabetic peripheral neuropathy and nephropathy: common and distinct gene expression patterns. *Diabetologia*, **2016**, 59, 1297-306	10.3	25
191	Tissue-specific metabolic reprogramming drives nutrient flux in diabetic complications. *JCI Insight*, **2016**, 1, e86976	9.9	132
190	A role for genetic susceptibility in sporadic focal segmental glomerulosclerosis. *Journal of Clinical Investigation*, **2016**, 126, 1067-78	15.9	29
189	Local TNF causes NFATc1-dependent cholesterol-mediated podocyte injury. *Journal of Clinical Investigation*, **2016**, 126, 3336-50	15.9	85
188	Systems biology analysis reveals role of MDM2 in diabetic nephropathy. *JCI Insight*, **2016**, 1, e87877	9.9	27
187	Reproducibility of the NEPTUNE descriptor-based scoring system on whole-slide images and histologic and ultrastructural digital images. *Modern Pathology*, **2016**, 29, 671-84	9.8	41
186	Glomerular disease: Personalized immunomonitoring in lupus and lupus nephritis. *Nature Reviews Nephrology*, **2016**, 12, 320-1	14.9	3
185	Introduction: Precision Medicine for Glomerular Disease: The Road Forward. *Seminars in Nephrology* , **2015**, 35, 209-11	4.8	10
184	The role of renin-angiotensin-aldosterone system genes in the progression of chronic kidney disease: findings from the Chronic Renal Insufficiency Cohort (CRIC) study. *Nephrology Dialysis Transplantation*, **2015**, 30, 1711-8	4.3	16
183	A cis-eQTL in PFKFB2 is associated with diabetic nephropathy, adiposity and insulin secretion in American Indians. *Human Molecular Genetics*, **2015**, 24, 2985-96	5.6	11
182	Molecular studies of lupus nephritis kidneys. *Immunologic Research*, **2015**, 63, 187-96	4.3	8

181	Tissue transcriptome-driven identification of epidermal growth factor as a chronic kidney disease biomarker. *Science Translational Medicine*, **2015**, 7, 316ra193	17.5	202
180	A reassessment of soluble urokinase-type plasminogen activator receptor in glomerular disease. *Kidney International*, **2015**, 87, 564-74	9.9	101
179	MicroRNA-21 in glomerular injury. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 805-16	12.7	107
178	Defining nephrotic syndrome from an integrative genomics perspective. *Pediatric Nephrology*, **2015**, 30, 51-63; quiz 59	3.2	18
177	Strategy and rationale for urine collection protocols employed in the NEPTUNE study. *BMC Nephrology*, **2015**, 16, 190	2.7	10
176	Targeted Lipidomic and Transcriptomic Analysis Identifies Dysregulated Renal Ceramide Metabolism in a Mouse Model of Diabetic Kidney Disease. *Journal of Proteomics and Bioinformatics*, **2015**, Suppl 14,	2.1	19
175	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	6	84
174	Sphingomyelinase-like phosphodiesterase 3b expression levels determine podocyte injury phenotypes in glomerular disease. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 133-47	12.7	97
173	The Metabolic Syndrome and Microvascular Complications in a Murine Model of Type 2 Diabetes. *Diabetes*, **2015**, 64, 3294-304	0.9	41
172	Pro: The usefulness of biomarkers in glomerular diseasesQThe problem: moving from syndrome to mechanism--individual patient variability in disease presentation, course and response to therapy. *Nephrology Dialysis Transplantation*, **2015**, 30, 892-8	4.3	10
171	Integrative Biology of Diabetic Kidney Disease. *Kidney Diseases (Basel, Switzerland)*, **2015**, 1, 194-203	3.3	7
170	Localization of APOL1 protein and mRNA in the human kidney: nondiseased tissue, primary cells, and immortalized cell lines. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 339-48	12.7	91
169	Research capacity. Enabling the genomic revolution in Africa. *Science*, **2014**, 344, 1346-8	33.3	256
168	Identification of stage-specific genes associated with lupus nephritis and response to remission induction in (NZB ×NZW)F1 and NZM2410 mice. *Arthritis and Rheumatology*, **2014**, 66, 2246-2258	9.5	37
167	Lupus nephritis susceptibility loci in women with systemic lupus erythematosus. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 2859-70	12.7	83
166	Integrative biology identifies shared transcriptional networks in CKD. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 2559-72	12.7	83
165	The molecular phenotype of endocapillary proliferation: novel therapeutic targets for IgA nephropathy. *PLoS ONE*, **2014**, 9, e103413	3.7	22
164	Alterations in the ubiquitin proteasome system in persistent but not reversible proteinuric diseases. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 2511-25	12.7	22

163	Targeted glomerular angiopoietin-1 therapy for early diabetic kidney disease. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 33-42	12.7	72
162	Cyclodextrin protects podocytes in diabetic kidney disease. *Diabetes*, **2013**, 62, 3817-27	0.9	98
161	The peroxisome-proliferator activated receptor-γ agonist pioglitazone modulates aberrant T cell responses in systemic lupus erythematosus. *Clinical Immunology*, **2013**, 149, 119-32	9	28
160	Identification of cross-species shared transcriptional networks of diabetic nephropathy in human and mouse glomeruli. *Diabetes*, **2013**, 62, 299-308	0.9	133
159	Divergent functions of the Rho GTPases Rac1 and Cdc42 in podocyte injury. *Kidney International*, **2013**, 84, 920-30	9.9	105
158	Defining cell-type specificity at the transcriptional level in human disease. *Genome Research*, **2013**, 23, 1862-73	9.7	139
157	Systematically differentiating functions for alternatively spliced isoforms through integrating RNA-seq data. *PLoS Computational Biology*, **2013**, 9, e1003314	5	58
156	Diabetic nephropathy: a national dialogue. *Clinical Journal of the American Society of Nephrology: CJASN*, **2013**, 8, 1603-5	6.9	10
155	From single nucleotide polymorphism to transcriptional mechanism: a model for FRMD3 in diabetic nephropathy. *Diabetes*, **2013**, 62, 2605-12	0.9	35
154	Digital pathology evaluation in the multicenter Nephrotic Syndrome Study Network (NEPTUNE). *Clinical Journal of the American Society of Nephrology: CJASN*, **2013**, 8, 1449-59	6.9	55
153	Design of the Nephrotic Syndrome Study Network (NEPTUNE) to evaluate primary glomerular nephropathy by a multidisciplinary approach. *Kidney International*, **2013**, 83, 749-56	9.9	177
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5	Redefining Nephrotic Syndrome in Molecular Terms: Outcome-associated molecular clusters and patient stratification with noninvasive surrogate biomarkers		4
4	Inflammatory and JAK-STAT Pathways as Shared Molecular Targets for ANCA-Associated Vasculitis and Nephrotic Syndrome		2
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2	An atlas of healthy and injured cell states and niches in the human kidney		10