

Jeffrey R Schelling

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

4,259
citations

32
h-index

65
g-index

77
ext. papers

4,877
ext. citations

7.4
avg, IF

4.74
L-index

#	Paper	IF	Citations
75	MYH9 is a major-effect risk gene for focal segmental glomerulosclerosis. <i>Nature Genetics</i> , 2008 , 40, 1175-84	38.4	559
74	APOL1 genetic variants in focal segmental glomerulosclerosis and HIV-associated nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 2129-37	12.7	540
73	MYH9 is associated with nondiabetic end-stage renal disease in African Americans. <i>Nature Genetics</i> , 2008 , 40, 1185-92	36.3	518
72	Activation of EphA receptor tyrosine kinase inhibits the Ras/MAPK pathway. <i>Nature Cell Biology</i> , 2001 , 3, 527-30	23.4	273
71	The NHE1 Na ⁺ /H ⁺ exchanger recruits ezrin/radixin/moesin proteins to regulate Akt-dependent cell survival. <i>Journal of Biological Chemistry</i> , 2004 , 279, 26280-6	5.4	128
70	Genome-wide scans for diabetic nephropathy and albuminuria in multiethnic populations: the family investigation of nephropathy and diabetes (FIND). <i>Diabetes</i> , 2007 , 56, 1577-85	0.9	125
69	GFR Estimation Using β -Trace Protein and β -Microglobulin in CKD. <i>American Journal of Kidney Diseases</i> , 2016 , 67, 40-8	7.4	94
68	Relation of serum lipids and lipoproteins with progression of CKD: The CRIC study. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014 , 9, 1190-8	6.9	90
67	Increased osmolal gap in alcoholic ketoacidosis and lactic acidosis. <i>Annals of Internal Medicine</i> , 1990 , 113, 580-2	8	88
66	Genome-Wide Association and Trans-ethnic Meta-Analysis for Advanced Diabetic Kidney Disease: Family Investigation of Nephropathy and Diabetes (FIND). <i>PLoS Genetics</i> , 2015 , 11, e1005352	6	84
65	Use of diffusion tensor MRI to identify early changes in diabetic nephropathy. <i>American Journal of Nephrology</i> , 2011 , 34, 476-82	4.6	82
64	Tubular atrophy in the pathogenesis of chronic kidney disease progression. <i>Pediatric Nephrology</i> , 2016 , 31, 693-706	3.2	78
63	Genome-wide scan for estimated glomerular filtration rate in multi-ethnic diabetic populations: the Family Investigation of Nephropathy and Diabetes (FIND). <i>Diabetes</i> , 2008 , 57, 235-43	0.9	75
62	Regulation of cell survival by Na ⁺ /H ⁺ exchanger-1. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 295, F625-32	4.3	71
61	A WT1 co-regulator controls podocyte phenotype by shuttling between adhesion structures and nucleus. <i>Journal of Biological Chemistry</i> , 2004 , 279, 14398-408	5.4	67
60	Renal tubular epithelial cell apoptosis is associated with caspase cleavage of the NHE1 Na ⁺ /H ⁺ exchanger. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, F829-39	4.3	57
59	Urine biomarkers of tubular injury do not improve the clinical model predicting chronic kidney disease progression. <i>Kidney International</i> , 2017 , 91, 196-203	9.9	53

58	Inaccuracy of clinical phenotyping parameters for hypertensive nephrosclerosis. <i>Nephrology Dialysis Transplantation</i> , 2000 , 15, 1801-7	4.3	53
57	Serum Trace Protein and β -Microglobulin as Predictors of ESRD, Mortality, and Cardiovascular Disease in Adults With CKD in the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>American Journal of Kidney Diseases</i> , 2016 , 68, 68-76	7.4	50
56	Lipidomic Signature of Progression of Chronic Kidney Disease in the Chronic Renal Insufficiency Cohort. <i>Kidney International Reports</i> , 2016 , 1, 256-268	4.1	50
55	Ouabain stimulates Na-K-ATPase through a sodium/hydrogen exchanger-1 (NHE-1)-dependent mechanism in human kidney proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, F77-90	4.3	49
54	NPHS2 variation in sporadic focal segmental glomerulosclerosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 2987-95	12.7	49
53	Genomewide linkage scan for diabetic renal failure and albuminuria: the FIND study. <i>American Journal of Nephrology</i> , 2011 , 33, 381-9	4.6	48
52	Variants in the WilmsTumor gene are associated with focal segmental glomerulosclerosis in the African American population. <i>Physiological Genomics</i> , 2005 , 21, 212-21	3.6	47
51	Involvement of Fas-dependent apoptosis in renal tubular epithelial cell deletion in chronic renal failure. <i>Kidney International</i> , 1999 , 56, 1313-6	9.9	47
50	Association of N-terminal pro-B-type natriuretic peptide with left ventricular structure and function in chronic kidney disease (from the Chronic Renal Insufficiency Cohort [CRIC]). <i>American Journal of Cardiology</i> , 2013 , 111, 432-8	3	42
49	Genetic susceptibility to end-stage renal disease. <i>Current Opinion in Nephrology and Hypertension</i> , 1999 , 8, 465-72	3.5	42
48	Serum C-peptide concentrations poorly phenotype type 2 diabetic end-stage renal disease patients. <i>Kidney International</i> , 2000 , 58, 1742-50	9.9	40
47	CureGN Study Rationale, Design, and Methods: Establishing a Large Prospective Observational Study of Glomerular Disease. <i>American Journal of Kidney Diseases</i> , 2019 , 73, 218-229	7.4	39
46	Mesangial cell integrin α 8 provides glomerular endothelial cell cytoprotection by sequestering TGF- β and regulating PECAM-1. <i>American Journal of Pathology</i> , 2011 , 178, 609-20	5.8	37
45	Urine Kidney Injury Biomarkers and Risks of Cardiovascular Disease Events and All-Cause Death: The CRIC Study. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017 , 12, 761-771	6.9	34
44	Lipotoxic disruption of NHE1 interaction with PI(4,5)P2 expedites proximal tubule apoptosis. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1057-68	15.9	34
43	Beta8 integrin binds Rho GDP dissociation inhibitor-1 and activates Rac1 to inhibit mesangial cell myofibroblast differentiation. <i>Journal of Biological Chemistry</i> , 2006 , 281, 19688-99	5.4	32
42	A dipstick protein and specific gravity algorithm accurately predicts pathological proteinuria. <i>American Journal of Kidney Diseases</i> , 2005 , 45, 833-41	7.4	32
41	Fas activation induces renal tubular epithelial cell beta 8 integrin expression and function in the absence of apoptosis. <i>Journal of Biological Chemistry</i> , 2002 , 277, 47826-33	5.4	31

40	The metabolic syndrome as a risk factor for chronic kidney disease: more than a fat chance?. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 2773-4	12.7	30
39	Diabetes and the kidney. <i>American Journal of Kidney Diseases</i> , 2005 , 46, 766-73	7.4	30
38	Kidney Proximal Tubule Lipoapoptosis Is Regulated by Fatty Acid Transporter-2 (FATP2). <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 81-91	12.7	29
37	Association of Multiple Plasma Biomarker Concentrations with Progression of Prevalent Diabetic Kidney Disease: Findings from the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 115-126	12.7	26
36	Phosphoinositide binding differentially regulates NHE1 Na ⁺ /H ⁺ exchanger-dependent proximal tubule cell survival. <i>Journal of Biological Chemistry</i> , 2011 , 286, 42435-42445	5.4	24
35	A genome-wide search for linkage of estimated glomerular filtration rate (eGFR) in the Family Investigation of Nephropathy and Diabetes (FIND). <i>PLoS ONE</i> , 2013 , 8, e81888	3.7	23
34	Clinical Characteristics and Treatment Patterns of Children and Adults With IgA Nephropathy or IgA Vasculitis: Findings From the CureGN Study. <i>Kidney International Reports</i> , 2018 , 3, 1373-1384	4.1	23
33	Plasma Biomarkers of Tubular Injury and Inflammation Are Associated with CKD Progression in Children. <i>Journal of the American Society of Nephrology: JASN</i> , 2020 , 31, 1067-1077	12.7	22
32	Apoptosis and JNK activation are differentially regulated by Fas expression level in renal tubular epithelial cells. <i>Kidney International</i> , 2001 , 60, 65-76	9.9	22
31	Podocyte injury induces nuclear translocation of WTIP via microtubule-dependent transport. <i>Journal of Biological Chemistry</i> , 2010 , 285, 9995-10004	5.4	21
30	Risk factors for development and progression of diabetic kidney disease and treatment patterns among diabetic siblings of patients with diabetic kidney disease. <i>American Journal of Kidney Diseases</i> , 2008 , 51, 29-37	7.4	21
29	Health-related quality of life in glomerular disease. <i>Kidney International</i> , 2019 , 95, 1209-1224	9.9	20
28	Interleukin-1 stimulates Jun N-terminal/stress-activated protein kinase by an arachidonate-dependent mechanism in mesangial cells. <i>Kidney International</i> , 1999 , 55, 1740-9	9.9	20
27	Na ⁺ -H ⁺ exchanger-1 (NHE1) regulation in kidney proximal tubule. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 2061-74	10.3	18
26	Renal function and proteinuria after successful immunosuppressive therapies in patients with FSGS. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013 , 8, 211-8	6.9	16
25	Glucocorticoid uncoupling of angiotensin II-dependent phospholipase C activation in rat vascular smooth muscle cells. <i>Kidney International</i> , 1994 , 46, 675-82	9.9	14
24	Incident Type 2 Diabetes Among Individuals With CKD: Findings From the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>American Journal of Kidney Diseases</i> , 2019 , 73, 72-81	7.4	14
23	Management of tumor lysis syndrome with standard continuous arteriovenous hemodialysis: case report and a review of the literature. <i>Renal Failure</i> , 1998 , 20, 635-44	2.9	13

22	Approaches to understanding susceptibility to nephropathy: from genetics to genomics. <i>Kidney International</i> , 2002 , 61, S61-7	9.9	13
21	DNA expression analysis: serial analysis of gene expression, microarrays and kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2003 , 12, 407-14	3.5	12
20	A family-based strategy to identify genes for diabetic nephropathy. <i>American Journal of Kidney Diseases</i> , 2001 , 37, 638-47	7.4	11
19	Diabetes, lower extremity amputation, loss of protective sensation, and neuronal nitric oxide synthase associated protein in the chronic renal insufficiency cohort study. <i>Wound Repair and Regeneration</i> , 2013 , 21, 17-24	3.6	10
18	Mesangial cell α 5B-integrin regulates glomerular capillary integrity and repair. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 306, F1400-9	4.3	10
17	Kidney disease, genotype and the pathogenesis of vasculopathy. <i>Current Opinion in Nephrology and Hypertension</i> , 2003 , 12, 71-8	3.5	10
16	Generation of kidney transcriptomes using serial analysis of gene expression. <i>Nephron Experimental Nephrology</i> , 2002 , 10, 82-92		10
15	Tissue transglutaminase inhibition as treatment for diabetic glomerular scarring: it's good to be glueless. <i>Kidney International</i> , 2009 , 76, 363-5	9.9	9
14	Genome-wide linkage scans for type 2 diabetes mellitus in four ethnically diverse populations-significant evidence for linkage on chromosome 4q in African Americans: the Family Investigation of Nephropathy and Diabetes Research Group. <i>Diabetes/Metabolism Research and Reviews</i> , 2009 , 25, 740-7	7.5	9
13	Myofibroblast differentiation: plasma membrane microdomains and cell phenotype. <i>Nephron Experimental Nephrology</i> , 2002 , 10, 313-9		7
12	Fatty acid transport protein-2 regulates glycemic control and diabetic kidney disease progression. <i>JCI Insight</i> , 2020 , 5,	9.9	7
11	Nucleic acid-based techniques for post-transcriptional regulation of molecular targets. <i>Current Opinion in Nephrology and Hypertension</i> , 2003 , 12, 415-21	3.5	6
10	Longitudinal Changes in Health-Related Quality of Life in Primary Glomerular Disease: Results From the CureGN Study. <i>Kidney International Reports</i> , 2020 , 5, 1679-1689	4.1	4
9	Renal phenotype is exacerbated in Os and lpr double mutant mice. <i>Kidney International</i> , 2004 , 66, 1029-35	3.9	3
8	Urine Biomarkers of Kidney Tubule Health, Injury, and Inflammation are Associated with Progression of CKD in Children. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 2664-2677	12.7	3
7	Treatment of albuminuria due to diabetic nephropathy: recent trial results. <i>Clinical Investigation</i> , 2014 , 4, 327-341		1
6	Variants in genes belonging to the fibroblast growth factor family are associated with lower extremity amputation in non-Hispanic whites: Findings from the chronic renal insufficiency cohort study. <i>Wound Repair and Regeneration</i> , 2016 , 24, 705-11	3.6	1
5	Erythrocytosis is associated with intradialytic hypotension: a case series. <i>BMC Nephrology</i> , 2019 , 20, 235	2.7	0

- 4 Ventricular arrhythmias in mouse models of diabetic kidney disease. *Scientific Reports*, **2021**, 11, 20570 4.9 ○
- 3 The WT1 Interacting Protein: A molecular messenger between the slit diaphragm and podocyte nucleus. *FASEB Journal*, **2008**, 22, 1218.9 0.9
- 2 Transient Elevations of Microalbuminuria May Represent a Marker of Systemic Vascular Injury in Sickle Cell Disease Patients.. *Blood*, **2009**, 114, 4611-4611 2.2
- 1 Social Support in Older Adults With CKD: A Report From the CRIC (Chronic Renal Insufficiency Cohort) Study. *Kidney Medicine*, **2021**, 3, 776-784.e1 2.8