

# Jeffrey R Schelling

## List of Publications by Year in descending order

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77  
papers

5,394  
citations

94269

37  
h-index

82410

72  
g-index

77  
all docs

77  
docs citations

77  
times ranked

6794  
citing authors

#	ARTICLE	IF	CITATIONS
1	APOL1 Genetic Variants in Focal Segmental Glomerulosclerosis and HIV-Associated Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 2129-2137.	3.0	713
2	MYH9 is a major-effect risk gene for focal segmental glomerulosclerosis. <i>Nature Genetics</i> , 2008, 40, 1175-1184.	9.4	636
3	MYH9 is associated with nondiabetic end-stage renal disease in African Americans. <i>Nature Genetics</i> , 2008, 40, 1185-1192.	9.4	587
4	Activation of EphA receptor tyrosine kinase inhibits the Ras/MAPK pathway. <i>Nature Cell Biology</i> , 2001, 3, 527-530.	4.6	314
5	The NHE1 Na <sup>+</sup> /H <sup>+</sup> Exchanger Recruits Ezrin/Radixin/Moesin Proteins to Regulate Akt-dependent Cell Survival. <i>Journal of Biological Chemistry</i> , 2004, 279, 26280-26286.	1.6	145
6	Genome-Wide Scans for Diabetic Nephropathy and Albuminuria in Multiethnic Populations: The Family Investigation of Nephropathy and Diabetes (FIND). <i>Diabetes</i> , 2007, 56, 1577-1585.	0.3	140
7	Relation of Serum Lipids and Lipoproteins with Progression of CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014, 9, 1190-1198.	2.2	124
8	GFR Estimation Using <sup>125</sup> I-Trace Protein and <sup>125</sup> I-Microglobulin in CKD. <i>American Journal of Kidney Diseases</i> , 2016, 67, 40-48.	2.1	121
9	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.	1.5	118
10	Tubular atrophy in the pathogenesis of chronic kidney disease progression. <i>Pediatric Nephrology</i> , 2016, 31, 693-706.	0.9	116
11	Increased Osmolal Gap in Alcoholic Ketoacidosis and Lactic Acidosis. <i>Annals of Internal Medicine</i> , 1990, 113, 580.	2.0	108
12	Use of Diffusion Tensor MRI to Identify Early Changes in Diabetic Nephropathy. <i>American Journal of Nephrology</i> , 2011, 34, 476-482.	1.4	100
13	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, 235-243.	0.3	92
14	Urine biomarkers of tubular injury do not improve the clinical model predicting chronic kidney disease progression. <i>Kidney International</i> , 2017, 91, 196-203.	2.6	85
15	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.	3.0	81
16	A WT1 Co-regulator Controls Podocyte Phenotype by Shuttling between Adhesion Structures and Nucleus. <i>Journal of Biological Chemistry</i> , 2004, 279, 14398-14408.	1.6	79
17	Regulation of cell survival by Na <sup>+</sup> /H <sup>+</sup> exchanger-1. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F625-F632.	1.3	79
18	Lipidomic Signature of Progression of Chronic Kidney Disease in the Chronic Renal Insufficiency Cohort. <i>Kidney International Reports</i> , 2016, 1, 256-268.	0.4	69

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19	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.	2.1	68
20	Inaccuracy of clinical phenotyping parameters for hypertensive nephrosclerosis. <i>Nephrology Dialysis Transplantation</i> , 2000, 15, 1801-1807.	0.4	66
21	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.	3.0	64
22	Renal tubular epithelial cell apoptosis is associated with caspase cleavage of the NHE1 Na <sup>+</sup> /H <sup>+</sup> -exchanger. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 284, F829-F839.	1.3	63
23	Serum $\beta$ -Trace Protein and $\beta$ -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.	2.1	61
24	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-F90.	1.3	60
25	NPHS2 Variation in Sporadic Focal Segmental Glomerulosclerosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 2987-2995.	3.0	56
26	Involvement of Fas-dependent apoptosis in renal tubular epithelial cell deletion in chronic renal failure. <i>Kidney International</i> , 1999, 56, 1313-1316.	2.6	54
27	Serum C-peptide concentrations poorly phenotype type 2 diabetic end-stage renal disease patients. <i>Kidney International</i> , 2000, 58, 1742-1750.	2.6	53
28	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.	2.2	53
29	Genomewide Linkage Scan for Diabetic Renal Failure and Albuminuria: The FIND Study. <i>American Journal of Nephrology</i> , 2011, 33, 381-389.	1.4	52
30	Variants in the Wilms's tumor gene are associated with focal segmental glomerulosclerosis in the African American population. <i>Physiological Genomics</i> , 2005, 21, 212-221.	1.0	50
31	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, 432-438.	0.7	49
32	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.	3.0	48
33	Lipotoxic disruption of NHE1 interaction with PI(4,5)P2 expedites proximal tubule apoptosis. <i>Journal of Clinical Investigation</i> , 2014, 124, 1057-1068.	3.9	47
34	Genetic susceptibility to end-stage renal disease. <i>Current Opinion in Nephrology and Hypertension</i> , 1999, 8, 465-472.	1.0	46
35	Mesangial Cell Integrin $\alpha$ 8 Provides Glomerular Endothelial Cell Cytoprotection by Sequestering TGF- $\beta$ 2 and Regulating PECAM-1. <i>American Journal of Pathology</i> , 2011, 178, 609-620.	1.9	45
36	A Dipstick Protein and Specific Gravity Algorithm Accurately Predicts Pathological Proteinuria. <i>American Journal of Kidney Diseases</i> , 2005, 45, 833-841.	2.1	40

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37	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.	0.4	39
38	Diabetes and the Kidney. <i>American Journal of Kidney Diseases</i> , 2005, 46, 766-773.	2.1	38
39	Health-related quality of life in glomerular disease. <i>Kidney International</i> , 2019, 95, 1209-1224.	2.6	38
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, 2773-2774.	3.0	37
41	Fas Activation Induces Renal Tubular Epithelial Cell $\alpha$ 5 $\beta$ 1 Integrin Expression and Function in the Absence of Apoptosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 47826-47833.	1.6	35
42	$\alpha$ 5 $\beta$ 1 Integrin Binds Rho GDP Dissociation Inhibitor-1 and Activates Rac1 to Inhibit Mesangial Cell Myofibroblast Differentiation. <i>Journal of Biological Chemistry</i> , 2006, 281, 19688-19699.	1.6	35
43	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.	2.1	29
44	Phosphoinositide Binding Differentially Regulates NHE1 Na <sup>+</sup> /H <sup>+</sup> Exchanger-dependent Proximal Tubule Cell Survival. <i>Journal of Biological Chemistry</i> , 2011, 286, 42435-42445.	1.6	28
45	Fatty acid transport protein-2 regulates glycemic control and diabetic kidney disease progression. <i>JCI Insight</i> , 2020, 5, .	2.3	28
46	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.	2.1	27
47	Podocyte Injury Induces Nuclear Translocation of WTIP via Microtubule-dependent Transport. <i>Journal of Biological Chemistry</i> , 2010, 285, 9995-10004.	1.6	26
48	Na <sup>+</sup> /H <sup>+</sup> exchanger-1 (NHE1) regulation in kidney proximal tubule. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2061-2074.	2.4	26
49	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.	1.1	24
50	Apoptosis and JNK activation are differentially regulated by Fas expression level in renal tubular epithelial cells. <i>Kidney International</i> , 2001, 60, 65-76.	2.6	23
51	Glucocorticoid uncoupling of angiotensin II-dependent phospholipase C activation in rat vascular smooth muscle cells. <i>Kidney International</i> , 1994, 46, 675-682.	2.6	21
52	Interleukin-1 stimulates Jun N-terminal/stress-activated protein kinase by an arachidonate-dependent mechanism in mesangial cells. See Editorial, p. 2070. <i>Kidney International</i> , 1999, 55, 1740-1749.	2.6	20
53	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, 211-218.	2.2	19
54	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.	3.0	19

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55	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.	0.4	17
56	DNA expression analysis: serial analysis of gene expression, microarrays and kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2003, 12, 407-414.	1.0	15
57	Association of Uremic Solutes With Cardiovascular Death in Diabetic Kidney Disease. <i>American Journal of Kidney Diseases</i> , 2022, 80, 502-512.e1.	2.1	15
58	Management of tumor lysis syndrome with standard continuous arteriovenous hemodialysis: case report and a review of the literature. <i>Renal Failure</i> , 1998, 20, 635-644.	0.8	14
59	Approaches to understanding susceptibility to nephropathy: From genetics to genomics. <i>Kidney International</i> , 2002, 61, S61-S67.	2.6	14
60	Kidney disease, genotype and the pathogenesis of vasculopathy. <i>Current Opinion in Nephrology and Hypertension</i> , 2003, 12, 71-78.	1.0	14
61	A family-based strategy to identify genes for diabetic nephropathy. <i>American Journal of Kidney Diseases</i> , 2001, 37, 638-647.	2.1	13
62	Association of Metabolic Syndrome in Nondiabetic Patients with Increased Risk for Chronic Kidney Disease: The Fat Lady Sings. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 1880-1882.	3.0	13
63	Mesangial cell $\alpha$ 8 $\beta$ 1-integrin regulates glomerular capillary integrity and repair. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F1400-F1409.	1.3	13
64	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, 740-747.	1.7	12
65	Generation of Kidney Transcriptomes Using Serial Analysis of Gene Expression. <i>Nephron Experimental Nephrology</i> , 2002, 10, 82-92.	2.4	11
66	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.	1.5	11
67	Tissue transglutaminase inhibition as treatment for diabetic glomerular scarring: it's good to be glueless. <i>Kidney International</i> , 2009, 76, 363-365.	2.6	10
68	Nucleic acid-based techniques for post-transcriptional regulation of molecular targets. <i>Current Opinion in Nephrology and Hypertension</i> , 2003, 12, 415-421.	1.0	8
69	Myofibroblast Differentiation: Plasma Membrane Microdomains and Cell Phenotype. <i>Nephron Experimental Nephrology</i> , 2002, 10, 313-319.	2.4	7
70	Ventricular arrhythmias in mouse models of diabetic kidney disease. <i>Scientific Reports</i> , 2021, 11, 20570.	1.6	4
71	Renal phenotype is exacerbated in Os and Ipr double mutant mice. <i>Kidney International</i> , 2004, 66, 1029-1035.	2.6	3
72	Social Support in Older Adults With CKD: A Report From the CRIC (Chronic Renal Insufficiency) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.0	3

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73	Treatment of albuminuria due to diabetic nephropathy: recent trial results. <i>Clinical Investigation</i> , 2014, 4, 327-341.	0.0	1
74	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, 705-711.	1.5	1
75	Erythrocytosis is associated with intradialytic hypotension: a case series. <i>BMC Nephrology</i> , 2019, 20, 235.	0.8	1
76	The WT1 Interacting Protein: A molecular messenger between the slit diaphragm and podocyte nucleus. <i>FASEB Journal</i> , 2008, 22, 1218.9.	0.2	0
77	Transient Elevations of Microalbuminuria May Represent a Marker of Systemic Vascular Injury in Sickle Cell Disease Patients.. <i>Blood</i> , 2009, 114, 4611-4611.	0.6	0