

# Matthew G Sampson

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

5,109  
citations

201674

27  
h-index

123424

61  
g-index

74  
all docs

74  
docs citations

74  
times ranked

13936  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of Autoantibodies Targeting Nephrin in Minimal Change Disease Supports a Novel Autoimmune Etiology. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 238-252.	6.1	112
2	Genetics in chronic kidney disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. <i>Kidney International</i> , 2022, 101, 1126-1141.	5.2	46
3	Analyzing and reconciling colocalization and transcriptome-wide association studies from the perspective of inferential reproducibility. <i>American Journal of Human Genetics</i> , 2022, 109, 825-837.	6.2	17
4	Copy Number Variant Analysis and Genome-wide Association Study Identify Loci with Large Effect for Vesicoureteral Reflux. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 805-820.	6.1	17
5	APOL1 in an ethnically diverse pediatric population with nephrotic syndrome: implications in focal segmental glomerulosclerosis and other diagnoses. <i>Pediatric Nephrology</i> , 2021, 36, 2327-2336.	1.7	8
6	APOL1 genotype-associated morphologic changes among patients with focal segmental glomerulosclerosis. <i>Pediatric Nephrology</i> , 2021, 36, 2747-2757.	1.7	3
7	Uncovering genetic mechanisms of hypertension through multi-omic analysis of the kidney. <i>Nature Genetics</i> , 2021, 53, 630-637.	21.4	37
8	APOL1 at 10 years: progress and next steps. <i>Kidney International</i> , 2021, 99, 1296-1302.	5.2	14
9	A glomerular transcriptomic landscape of apolipoprotein L1 in Black patients with focal segmental glomerulosclerosis. <i>Kidney International</i> , 2021, , .	5.2	8
10	Brazilian Network of Pediatric Nephrotic Syndrome (REBRASNI). <i>Kidney International Reports</i> , 2020, 5, 358-362.	0.8	4
11	Urinary Epidermal Growth Factor as a Marker of Disease Progression in Children With Nephrotic Syndrome. <i>Kidney International Reports</i> , 2020, 5, 414-425.	0.8	10
12	Quantify and control reproducibility in high-throughput experiments. <i>Nature Methods</i> , 2020, 17, 1207-1213.	19.0	11
13	Introduction to Genomics of Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 267-267.	4.5	2
14	Common risk variants in NPHS1 and TNFSF15 are associated with childhood steroid-sensitive nephrotic syndrome. <i>Kidney International</i> , 2020, 98, 1308-1322.	5.2	39
15	The genetic architecture of membranous nephropathy and its potential to improve non-invasive diagnosis. <i>Nature Communications</i> , 2020, 11, 1600.	12.8	120
16	Diagnoses of uncertain significance: kidney genetics in the 21st century. <i>Nature Reviews Nephrology</i> , 2020, 16, 616-618.	9.6	16
17	Effect of parental origin of damaging variants in pro-angiogenic genes on fetal growth in patients with congenital heart defects: Data and analyses. <i>Data in Brief</i> , 2019, 25, 104311.	1.0	2
18	Damaging Variants in Proangiogenic Genes Impair Growth in Fetuses with Cardiac Defects. <i>Journal of Pediatrics</i> , 2019, 213, 103-109.	1.8	20

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19	Using and producing publicly available genomic data to accelerate discovery in nephrology. <i>Nature Reviews Nephrology</i> , 2019, 15, 523-524.	9.6	4
20	The human nephrin Y1139RSL motif is essential for podocyte foot process organization and slit diaphragm formation during glomerular development. <i>Journal of Biological Chemistry</i> , 2019, 294, 10773-10788.	3.4	4
21	Genomic Mismatch at <i>LIMS1</i> Locus and Kidney Allograft Rejection. <i>New England Journal of Medicine</i> , 2019, 380, 1918-1928.	27.0	63
22	Disruption of the exocyst induces podocyte loss and dysfunction. <i>Journal of Biological Chemistry</i> , 2019, 294, 10104-10119.	3.4	17
23	Sex-specific and pleiotropic effects underlying kidney function identified from GWAS meta-analysis. <i>Nature Communications</i> , 2019, 10, 1847.	12.8	55
24	Genetics of Nephrotic Syndrome Presenting in Childhood: Core Curriculum 2019. <i>American Journal of Kidney Diseases</i> , 2019, 74, 549-557.	1.9	8
25	Integrated Functional Genomic Analysis Enables Annotation of Kidney Genome-Wide Association Study Loci. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 421-441.	6.1	27
26	Unique association of multiple endocrine neoplasia 2A and congenital anomalies of the kidney and urinary tract in a child with a RET mutation. <i>BMJ Case Reports</i> , 2019, 12, e229904.	0.5	1
27	The copy number variation landscape of congenital anomalies of the kidney and urinary tract. <i>Nature Genetics</i> , 2019, 51, 117-127.	21.4	144
28	Glomerular and tubulointerstitial eQTLs for genomic discovery. <i>Nature Reviews Nephrology</i> , 2019, 15, 3-4.	9.6	0
29	<i>UBD</i> modifies <i>APOL1</i> -induced kidney disease risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3446-3451.	7.1	52
30	A null variant in the apolipoprotein L3 gene is associated with non-diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 323-330.	0.7	25
31	An eQTL Landscape of Kidney Tissue in Human Nephrotic Syndrome. <i>American Journal of Human Genetics</i> , 2018, 103, 232-244.	6.2	147
32	Transethnic, Genome-Wide Analysis Reveals Immune-Related Risk Alleles and Phenotypic Correlates in Pediatric Steroid-Sensitive Nephrotic Syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2000-2013.	6.1	72
33	<i>APOL1</i> -associated glomerular disease among African-American children: a collaboration of the Chronic Kidney Disease in Children (CKiD) and Nephrotic Syndrome Study Network (NEPTUNE) cohorts. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, gfw061.	0.7	60
34	An investigation of <i>APOL1</i> risk genotypes and preterm birth in African American population cohorts. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, gfw317.	0.7	17
35	Genetic Drivers of Kidney Defects in the DiGeorge Syndrome. <i>New England Journal of Medicine</i> , 2017, 376, 742-754.	27.0	120
36	The Phenotypic Spectrum of Nephropathies Associated with Mutations in Diacylglycerol Kinase $\mu$ . <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3066-3075.	6.1	50

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37	Exome-wide Association Study Identifies GREB1L Mutations in Congenital Kidney Malformations. <i>American Journal of Human Genetics</i> , 2017, 101, 789-802.	6.2	63
38	The Democratization of Genomic Inquiry Empowers Our Understanding of Nephrotic Syndrome. <i>Transplantation</i> , 2017, 101, 2814-2815.	1.0	2
39	A Case of Hyperphosphatemia and Elevated Fibroblast Growth Factor 23: A Brief Review of Hyperphosphatemia and Fibroblast Growth Factor 23 Pathway. <i>Kidney International Reports</i> , 2017, 2, 1238-1242.	0.8	0
40	Evaluating Mendelian nephrotic syndrome genes for evidence for risk alleles or oligogenicity that explain heritability. <i>Pediatric Nephrology</i> , 2017, 32, 467-476.	1.7	9
41	A Familial Infantile Renal Failure. <i>Kidney International Reports</i> , 2017, 2, 130-133.	0.8	1
42	Renal and Cardiovascular Morbidities Associated with APOL1 Status among African-American and Non-African-American Children with Focal Segmental Glomerulosclerosis. <i>Frontiers in Pediatrics</i> , 2016, 4, 122.	1.9	29
43	tarSVM: Improving the accuracy of variant calls derived from microfluidic PCR-based targeted next generation sequencing using a support vector machine. <i>BMC Bioinformatics</i> , 2016, 17, 233.	2.6	2
44	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016, 48, 1279-1283.	21.4	2,421
45	Using Population Genetics to Interrogate the Monogenic Nephrotic Syndrome Diagnosis in a Case Cohort. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1970-1983.	6.1	41
46	Complete Remission in the Nephrotic Syndrome Study Network. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 81-89.	4.5	53
47	Actualizing the Benefits of Genomic Discovery in Pediatric Nephrology. <i>Journal of Pediatric Genetics</i> , 2016, 05, 069-075.	0.7	1
48	Integrative Genomics Identifies Novel Associations with APOL1 Risk Genotypes in Black NEPTUNE Subjects. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 814-823.	6.1	110
49	A role for genetic susceptibility in sporadic focal segmental glomerulosclerosis. <i>Journal of Clinical Investigation</i> , 2016, 126, 1067-1078.	8.2	41
50	Whole Exome Sequencing Reveals Novel PHEX Splice Site Mutations in Patients with Hypophosphatemic Rickets. <i>PLoS ONE</i> , 2015, 10, e0130729.	2.5	32
51	Opportunities and Challenges of Genotyping Patients With Nephrotic Syndrome in the Genomic Era. <i>Seminars in Nephrology</i> , 2015, 35, 212-221.	1.6	15
52	GeneVetter: a web tool for quantitative monogenic assessment of rare diseases. <i>Bioinformatics</i> , 2015, 31, 3682-3684.	4.1	7
53	Tissue transcriptome-driven identification of epidermal growth factor as a chronic kidney disease biomarker. <i>Science Translational Medicine</i> , 2015, 7, 316ra193.	12.4	304
54	Defining nephrotic syndrome from an integrative genomics perspective. <i>Pediatric Nephrology</i> , 2015, 30, 51-63.	1.7	23

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55	Genes, Exomes, Genomes, Copy Number: What is Their Future in Pediatric Renal Disease. Current Pediatrics Reports, 2013, 1, 52-59.	4.0	2
56	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
57	Gene-level Integrated Metric of negative Selection (GIMS) Prioritizes Candidate Genes for Nephrotic Syndrome. PLoS ONE, 2013, 8, e81062.	2.5	9
58	Copy-Number Disorders Are a Common Cause of Congenital Kidney Malformations. American Journal of Human Genetics, 2012, 91, 987-997.	6.2	201
59	Evidence for a recurrent microdeletion at chromosome 16p11.2 associated with congenital anomalies of the kidney and urinary tract (CAKUT) and Hirschsprung disease. American Journal of Medical Genetics, Part A, 2010, 152A, 2618-2622.	1.2	49
60	Felic (CIP4b), a novel binding partner with the Src kinase Lyn and Cdc42, localizes to the phagocytic cup. Blood, 2003, 101, 2804-2809.	1.4	38