Adrienne Tin

List of Publications by Year in Descending Order

101 papers	3,887 citations	31 h-index	61 g-index
120 ext. papers	5,321 ext. citations	9 avg, IF	4.4 L-index

#	Paper	IF	Citations
101	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. *Communications Biology*, **2022**, 5,	6.7	1
100	Mapping the pathways underlying the associations of albuminuria with cognitive decline and dementia. *EBioMedicine*, **2021**, 72, 103623	8.8	
99	Large-scale plasma proteomic analysis identifies proteins and pathways associated with dementia risk. *Nature Aging*, **2021**, 1, 473-489		6
98	Mendelian Randomization Analysis as a Tool to Gain Insights into Causes of Diseases: A Primer. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 2400-2407	12.7	1
97	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. *Kidney International*, **2021**, 99, 926-939	9.9	6
96	Race, APOL1 Risk Variants, and Clinical Outcomes among Older Adults: The ARIC Study. *Journal of the American Geriatrics Society*, **2021**, 69, 155-163	5.6	0
95	Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. *EBioMedicine*, **2021**, 63, 103157	8.8	3
94	Association between Circulating Protein C Levels and Incident Dementia: The Atherosclerosis Risk in Communities Study. *Neuroepidemiology*, **2021**, 55, 306-315	5.4	0
93	Association of Midlife Plasma Amyloid-β Levels With Cognitive Impairment in Late Life: The ARIC Neurocognitive Study. *Neurology*, **2021**, 97, e1123-e1131	6.5	2
92	Genome-wide association study of serum metabolites in the African American Study of Kidney Disease and Hypertension. *Kidney International*, **2021**, 100, 430-439	9.9	4
91	Epidemiologic and Genetic Associations of Erythropoietin With Blood Pressure, Hypertension, and Coronary Artery Disease. *Hypertension*, **2021**, 78, 1555-1566	8.5	0
90	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. *Nature Communications*, **2021**, 12, 7173	17.4	1
89	Whole Exome Sequence Study of Mild Cognitive Impairment in African and European Americans; the Atherosclerosis Risk in Communities-Neurocognitive Study.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 12, e058619	1.2	0
88	Meta-analyses identify DNA methylation associated with kidney function and damage. *Nature Communications*, **2021**, 12, 7174	17.4	0
87	Large-scale plasma proteomic analysis identifies proteins and biological pathways associated with incident dementia. *Alzheimer's and Dementia*, **2020**, 16, e038307	1.2	1
86	Genome-Wide Association Studies of CKD and Related Traits. *Clinical Journal of the American Society of Nephrology: CJASN*, **2020**, 15, 1643-1656	6.9	9
85	Deletion Exaggerates Kidney Injury in Experimental Mouse Models and Confers the Protective Effect of Cruciferous Vegetables in Mice and Humans. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 102-116	12.7	11

84	A bidirectional Mendelian randomization study supports causal effects of kidney function on blood pressure. *Kidney International*, **2020**, 98, 708-716	9.9	34
83	Variants, N-Acetylated Amino Acids, and Progression of CKD. *Clinical Journal of the American Society of Nephrology: CJASN*, **2020**, 16, 37-47	6.9	2
82	Mitochondrial DNA copy number can influence mortality and cardiovascular disease via methylation of nuclear DNA CpGs. *Genome Medicine*, **2020**, 12, 84	14.4	13
81	Low Serum Magnesium is Associated with Incident Dementia in the ARIC-NCS Cohort. *Nutrients*, **2020**, 12,	6.7	4
80	Urine 6-Bromotryptophan: Associations with Genetic Variants and Incident End-Stage Kidney Disease. *Scientific Reports*, **2020**, 10, 10018	4.9	2
79	Integration of GWAS Summary Statistics and Gene Expression Reveals Target Cell Types Underlying Kidney Function Traits. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 2326-2340	12.7	6
78	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. *Nature Communications*, **2019**, 10, 4130	17.4	43
77	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. *Nature Genetics*, **2019**, 51, 1459-1474	36.3	122
76	Copy Number Is Not Associated With Risk of Kidney Failure in a Large Cohort. *Frontiers in Genetics*, **2019**, 10, 765	4.5	1
75	Heritability analysis of nontraditional glycemic biomarkers in the Atherosclerosis Risk in Communities Study. *Genetic Epidemiology*, **2019**, 43, 776-785	2.6	4
74	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217
73	Genome-wide association study identifies novel loci for type 2 diabetes-attributed end-stage kidney disease in African Americans. *Human Genomics*, **2019**, 13, 21	6.8	18
72	Association of Variants with Blood Pressure in the Atherosclerosis Risk in Communities Study. *International Journal of Hypertension*, **2019**, 2019, 2137629	2.4	2
71	Reproducibility and Variability of Protein Analytes Measured Using a Multiplexed Modified Aptamer Assay. *journal of applied laboratory medicine, The*, **2019**, 4, 30-39	2	18
70	Rare variants in SLC5A10 are associated with serum 1,5-anhydroglucitol (1,5-AG) in the Atherosclerosis Risk in Communities (ARIC) Study. *Scientific Reports*, **2019**, 9, 5941	4.9	3
69	Serum Metabolomic Alterations Associated with Proteinuria in CKD. *Clinical Journal of the American Society of Nephrology: CJASN*, **2019**, 14, 342-353	6.9	21
68	Serum Urate, Genetic Variation, and Prostate Cancer Risk: Atherosclerosis Risk in Communities (ARIC) Study. *Cancer Epidemiology Biomarkers and Prevention*, **2019**, 28, 1259-1261	4	2
67	Transcription Factor HNF4A Regulates Urate Transporter ABCG2. *FASEB Journal*, **2019**, 33, 575.10	0.9	

66	Kidney Risk Variants and Cardiovascular Disease: An Individual Participant Data Meta-Analysis. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 2027-2036	12.7	16
65	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
64	Serum metabolomic profile of incident diabetes. *Diabetologia*, **2018**, 61, 1046-1054	10.3	42
63	Vitamin D status and immune function reconstitution in HIV-infected men initiating therapy. *Aids*, **2018**, 32, 1069-1076	3.5	4
62	Vitamin D Metabolites in Aging HIV-Infected Men: Does Inflammation Play a Role?. *AIDS Research and Human Retroviruses*, **2018**,	1.6	1
61	Large-scale whole-exome sequencing association studies identify rare functional variants influencing serum urate levels. *Nature Communications*, **2018**, 9, 4228	17.4	31
60	Validation of a Novel Modified Aptamer-Based Array Proteomic Platform in Patients with End-Stage Renal Disease. *Diagnostics*, **2018**, 8,	3.8	8
59	Serum 6-Bromotryptophan Levels Identified as a Risk Factor for CKD Progression. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 1939-1947	12.7	10
58	Serum metabolites are associated with all-cause mortality in chronic kidney disease. *Kidney International*, **2018**, 94, 381-389	9.9	27
57	Soluble Urokinase-Type Plasminogen Activator Receptor in Black Americans with CKD. *Clinical Journal of the American Society of Nephrology: CJASN*, **2018**, 13, 1013-1021	6.9	15
56	Optimization and Application of Direct Infusion Nanoelectrospray HRMS Method for Large-Scale Urinary Metabolic Phenotyping in Molecular Epidemiology. *Journal of Proteome Research*, **2017**, 16, 1646-1658	5.6	31
55	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. *Scientific Reports*, **2017**, 7, 45040	4.9	70
54	Risk Variants and Cardiovascular Disease: Results From the AASK (African American Study of Kidney Disease and Hypertension). *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1765-1769	9.4	27
53	Race, Serum Potassium, and Associations With ESRD and Mortality. *American Journal of Kidney Diseases*, **2017**, 70, 244-251	7.4	16
52	Urinary metabolites along with common and rare genetic variations are associated with incident chronic kidney disease. *Kidney International*, **2017**, 91, 1426-1435	9.9	31
51	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 981-994	12.7	30
50	Metabolomic Alterations Associated with Cause of CKD. *Clinical Journal of the American Society of Nephrology: CJASN*, **2017**, 12, 1787-1794	6.9	31
49	Risk Variants, Incident Proteinuria, and Subsequent eGFR Decline in Blacks with Hypertension-Attributed CKD. *Clinical Journal of the American Society of Nephrology: CJASN*, **2017**, 12, 1771-1777	6.9	16

48	Predictors of Acute Renal Injury Study (PARIS) among HIV-positive individuals: design and methods. *BMC Nephrology*, **2017**, 18, 289	2.7	1
47	The Loss of Associates with Kidney Failure and Heart Failure. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 3345-3352	12.7	19
46	Vitamin D Status and Kidney Function Decline in HIV-Infected Men: A Longitudinal Study in the Multicenter AIDS Cohort Study. *AIDS Research and Human Retroviruses*, **2017**, 33, 1140-1148	1.6	2
45	Epigenome-wide association studies identify DNA methylation associated with kidney function. *Nature Communications*, **2017**, 8, 1286	17.4	92
44	A tripartite complex of suPAR, APOL1 risk variants and β3 integrin on podocytes mediates chronic kidney disease. *Nature Medicine*, **2017**, 23, 945-953	50.5	121
43	Vitamin D Deficiency and Metabolism in HIV-Infected and HIV-Uninfected Men in the Multicenter AIDS Cohort Study. *AIDS Research and Human Retroviruses*, **2017**, 33, 261-270	1.6	7
42	MicroRNAs in the miR-17 and miR-15 families are downregulated in chronic kidney disease with hypertension. *PLoS ONE*, **2017**, 12, e0176734	3.7	27
41	Dietary Magnesium and Kidney Function Decline: The Healthy Aging in Neighborhoods of Diversity across the Life Span Study. *American Journal of Nephrology*, **2016**, 44, 381-387	4.6	24
40	Patterns of Kidney Function Decline Associated with APOL1 Genotypes: Results from AASK. *Clinical Journal of the American Society of Nephrology: CJASN*, **2016**, 11, 1353-9	6.9	13
39	Association between Mitochondrial DNA Copy Number in Peripheral Blood and Incident CKD in the Atherosclerosis Risk in Communities Study. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 2467-73	12.7	79
38	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. *Diabetes*, **2016**, 65, 803-17	0.9	96
37	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. *Nature Communications*, **2016**, 7, 10023	17.4	295
36	Race, APOL1 Risk, and eGFR Decline in the General Population. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 2842-50	12.7	89
35	Multiple and Selective Reaction Monitoring Using Triple Quadrupole Mass Spectrometer: Preclinical Large Cohort Analysis. *Methods in Molecular Biology*, **2016**, 1410, 249-64	1.4	13
34	GCKR and PPP1R3B identified as genome-wide significant loci for plasma lactate: the Atherosclerosis Risk in Communities (ARIC) study. *Diabetic Medicine*, **2016**, 33, 968-75	3.5	12
33	Power Analysis and Sample Size Determination in Metabolic Phenotyping. *Analytical Chemistry*, **2016**, 88, 5179-88	7.8	70
32	Using Genetic Technologies To Reduce, Rather Than Widen, Health Disparities. *Health Affairs*, **2016**, 35, 1367-73	7	48
31	Genetic loci for serum magnesium among African-Americans and gene-environment interaction at MUC1 and TRPM6 in European-Americans: the Atherosclerosis Risk in Communities (ARIC) study. *BMC Genetics*, **2015**, 16, 56	2.6	12

30	Hemostatic Factors, APOL1 Risk Variants, and the Risk of ESRD in the Atherosclerosis Risk in Communities Study. *Clinical Journal of the American Society of Nephrology: CJASN*, **2015**, 10, 784-90	6.9	19
29	Both rare and common variants in PCSK9 influence plasma low-density lipoprotein cholesterol level in American Indians. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E345-9	5.6	19
28	Genome-wide association study of kidney function decline in individuals of European descent. *Kidney International*, **2015**, 87, 1017-29	9.9	83
27	The association between APOL1 risk alleles and longitudinal kidney function differs by HIV viral suppression status. *Clinical Infectious Diseases*, **2015**, 60, 646-52	11.6	32
26	Estimating time to ESRD using kidney failure risk equations: results from the African American Study of Kidney Disease and Hypertension (AASK). *American Journal of Kidney Diseases*, **2015**, 65, 394-402	7.4	30
25	Results from the Atherosclerosis Risk in Communities study suggest that low serum magnesium is associated with incident kidney disease. *Kidney International*, **2015**, 87, 820-7	9.9	78
24	Genome-wide association study reveals two loci for serum magnesium concentrations in European-American children. *Scientific Reports*, **2015**, 5, 18792	4.9	1
23	Modulation of genetic associations with serum urate levels by body-mass-index in humans. *PLoS ONE*, **2015**, 10, e0119752	3.7	31
22	Association of a cystatin C gene variant with cystatin C levels, CKD, and risk of incident cardiovascular disease and mortality. *American Journal of Kidney Diseases*, **2014**, 63, 16-22	7.4	17
21	Explaining the racial difference in AKI incidence. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 1834-41	12.7	70
20	Copy number polymorphisms near SLC2A9 are associated with serum uric acid concentrations. *BMC Genetics*, **2014**, 15, 81	2.6	14
19	Familial transmission of parental mood disorders: unipolar and bipolar disorders in offspring. *Bipolar Disorders*, **2013**, 15, 764-73	3.8	23
18	Genome-wide association study identified the human leukocyte antigen region as a novel locus for plasma beta-2 microglobulin. *Human Genetics*, **2013**, 132, 619-27	6.3	11
17	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. *Nature Genetics*, **2013**, 45, 145-54	36.3	505
16	Common variants in Mendelian kidney disease genes and their association with renal function. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 2105-17	12.7	27
15	Genome-wide significant locus of beta-trace protein, a novel kidney function biomarker, identified in European and African Americans. *Nephrology Dialysis Transplantation*, **2013**, 28, 1497-504	4.3	21
14	Using multiple measures for quantitative trait association analyses: application to estimated glomerular filtration rate. *Journal of Human Genetics*, **2013**, 58, 461-6	4.3	11
13	Genome-wide association and functional follow-up reveals new loci for kidney function. *PLoS Genetics*, **2012**, 8, e1002584	6	143

12	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. *Human Molecular Genetics*, **2012**, 21, 5329-43	5.6	54
11	Association of estimated glomerular filtration rate and urinary uromodulin concentrations with rare variants identified by UMOD gene region sequencing. *PLoS ONE*, **2012**, 7, e38311	3.7	21
10	CUBN is a gene locus for albuminuria. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 555-70	12.7	170
9	Genome-wide association study for serum urate concentrations and gout among African Americans identifies genomic risk loci and a novel URAT1 loss-of-function allele. *Human Molecular Genetics*, **2011**, 20, 4056-68	5.6	86
8	Genetic association for renal traits among participants of African ancestry reveals new loci for renal function. *PLoS Genetics*, **2011**, 7, e1002264	6	91
7	Methods for assessing familial aggregation: family history measures and confounding in the standard cohort, reconstructed cohort and case-control designs. *Human Heredity*, **2009**, 68, 201-8	1.1	9
6	Are high-lethality suicide attempters with bipolar disorder a distinct phenotype?. *Archives of Suicide Research*, **2009**, 13, 247-56	2.3	18
5	Familial transmission of suicidal behavior: factors mediating the relationship between childhood abuse and offspring suicide attempts. *Journal of Clinical Psychiatry*, **2008**, 69, 584-96	4.6	83
4	Mitochondrial DNA Copy Number (mtDNA-CN) Can Influence Mortality and Cardiovascular Disease via Methylation of Nuclear DNA CpGs		2
3	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes		4
2	Kidney Function and Blood Pressure: A Bi-directional Mendelian Randomisation Study		1
1	Large Bi-Ethnic Study of Plasma Proteome Leads to Comprehensive Mapping of cis-pQTL and Models for Proteome-wide Association Studies		5