Adrienne Tin

List of Publications by Year
in descending order

111 papers	6,416 citations	101543 36 h-index	76900 74 g-index
120 all docs	120 docs citations	120 times ranked	10821 citing authors

#	Article	IF	Citations
1	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154.	21.4	675
2	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	21.4	549
3	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	12.8	412
4	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571.	21.4	356
5	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474.	21.4	251
6	CUBN Is a Gene Locus for Albuminuria. Journal of the American Society of Nephrology: JASN, 2011, 22, 555-570.	6.1	208
7	A tripartite complex of suPAR, APOL1 risk variants and Î±vÎ²3 integrin on podocytes mediates chronic kidney disease. Nature Medicine, 2017, 23, 945-953.	30.7	176
8	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. PLoS Genetics, 2012, 8, e1002584.	3.5	166
9	Epigenome-wide association studies identify DNA methylation associated with kidney function. Nature Communications, 2017, 8, 1286.	12.8	145
10	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. Nature Communications, 2019, 10, 4130.	12.8	133
11	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. Diabetes, 2016, 65, 803-817.	0.6	131
12	Race, APOL1 Risk, and eGFR Decline in the General Population. Journal of the American Society of Nephrology: JASN, 2016, 27, 2842-2850.	6.1	123
13	Genome-wide association study of kidney function decline in individuals of European descent. Kidney International, 2015, 87, 1017-1029.	5.2	113
14	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, 2467-2473.	6.1	112
15	Genetic Association for Renal Traits among Participants of African Ancestry Reveals New Loci for Renal Function. PLoS Genetics, 2011, 7, e1002264.	3.5	109
16	Explaining the Racial Difference in AKI Incidence. Journal of the American Society of Nephrology: JASN, 2014, 25, 1834-1841.	6.1	108
17	Familial Transmission of Suicidal Behavior. Journal of Clinical Psychiatry, 2008, 69, 584-596.	2.2	102
18	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, 4056-4068.	2.9	101

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19	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. Scientific Reports, 2017, 7, 45040.	3.3	98
20	Plasma proteome analyses in individuals of European and African ancestry identify cis-pQTLs and models for proteome-wide association studies. Nature Genetics, 2022, 54, 593-602.	21.4	98
21	Results from the Atherosclerosis Risk in Communities study suggest that low serum magnesium is associated with incident kidney disease. Kidney International, 2015, 87, 820-827.	5.2	96
22	Power Analysis and Sample Size Determination in Metabolic Phenotyping. Analytical Chemistry, 2016, 88, 5179-5188.	6.5	95
23	Serum metabolomic profile of incident diabetes. Diabetologia, 2018, 61, 1046-1054.	6.3	84
24	A bidirectional Mendelian randomization study supports causal effects of kidney function onÂbloodÂpressure. Kidney International, 2020, 98, 708-716.	5.2	70
25	Large-scale plasma proteomic analysis identifies proteins and pathways associated with dementia risk. Nature Aging, 2021, 1, 473-489.	11.6	69
26	Using Genetic Technologies To Reduce, Rather Than Widen, Health Disparities. Health Affairs, 2016, 35, 1367-1373.	5.2	67
27	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. Human Molecular Genetics, 2012, 21, 5329-5343.	2.9	64
28	Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. PLoS ONE, 2015, 10, e0119752.	2.5	64
29	Mitochondrial DNA copy number can influence mortality and cardiovascular disease via methylation of nuclear DNA CpGs. Genome Medicine, 2020, 12, 84.	8.2	63
30	Reproducibility and Variability of Protein Analytes Measured Using a Multiplexed Modified Aptamer Assay. journal of applied laboratory medicine, The, 2019, 4, 30-39.	1.3	61
31	Metabolomic Alterations Associated with Cause of CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 1787-1794.	4.5	54
32	Urinary metabolites along with common and rareÂgenetic variations are associated with incidentÂchronic kidney disease. Kidney International, 2017, 91, 1426-1435.	5.2	49
33	Genetics in chronic kidney disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2022, 101, 1126-1141.	5.2	46
34	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.	1.9	45
35	Large-scale whole-exome sequencing association studies identify rare functional variants influencing serum urate levels. Nature Communications, 2018, 9, 4228.	12.8	43
36	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.	3.7	42

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37	Serum metabolites are associated with all-cause mortality in chronic kidney disease. Kidney International, 2018, 94, 381-389.	5.2	42
38	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. Kidney International, 2021, 99, 926-939.	5.2	42
39	SOS2 and ACP1 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.	6.1	39
40	The Association Between APOL1 Risk Alleles and Longitudinal Kidney Function Differs by HIV Viral Suppression Status. Clinical Infectious Diseases, 2015, 60, 646-652.	5.8	38
41	MicroRNAs in the miR-17 and miR-15 families are downregulated in chronic kidney disease with hypertension. PLoS ONE, 2017, 12, e0176734.	2.5	38
42	APOL1 Risk Variants and Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1765-1769.	2.4	37
43	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.	3.1	36
44	The Loss of GSTM1 Associates with Kidney Failure and Heart Failure. Journal of the American Society of Nephrology: JASN, 2017, 28, 3345-3352.	6.1	34
45	Serum Metabolomic Alterations Associated with Proteinuria in CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 342-353.	4.5	34
46	Common Variants in Mendelian Kidney Disease Genes and Their Association with Renal Function. Journal of the American Society of Nephrology: JASN, 2013, 24, 2105-2117.	6.1	33
47	Genome-wide association study identifies novel loci for type 2 diabetes-attributed end-stage kidney disease in African Americans. Human Genomics, 2019, 13, 21.	2.9	32
48	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.	6.1	32
49	Familial transmission of parental mood disorders: unipolar and bipolar disorders in offspring. Bipolar Disorders, 2013, 15, 764-773.	1.9	31
50	APOL1 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.	4.5	30
51	Meta-analyses identify DNA methylation associated with kidney function and damage. Nature Communications, 2021, 12, 7174.	12.8	30
52	Race, Serum Potassium, and Associations With ESRD and Mortality. American Journal of Kidney Diseases, 2017, 70, 244-251.	1.9	28
53	Genome-Wide Association Studies of CKD and Related Traits. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1643-1656.	4.5	28
54	GSTM1 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.	6.1	28

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55	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.	1.9	27
56	Polygenic Risk Scores for Kidney Function and Their Associations with Circulating Proteome, and Incident Kidney Diseases. Journal of the American Society of Nephrology: JASN, 2021, 32, 3161-3173.	6.1	27
57	APOL1 Kidney Risk Variants and Cardiovascular Disease: An Individual Participant Data Meta-Analysis. Journal of the American Society of Nephrology: JASN, 2019, 30, 2027-2036.	6.1	26
58	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-E349.	3.6	24
59	Association of Estimated Glomerular Filtration Rate and Urinary Uromodulin Concentrations with Rare Variants Identified by UMOD Gene Region Sequencing. PLoS ONE, 2012, 7, e38311.	2.5	24
60	Soluble Urokinase-Type Plasminogen Activator Receptor in Black Americans with CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1013-1021.	4.5	23
61	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.	6.1	23
62	Are High-Lethality Suicide Attempters With Bipolar Disorder a Distinct Phenotype?. Archives of Suicide Research, 2009, 13, 247-256.	2.3	22
63	Genome-wide significant locus of beta-trace protein, a novel kidney function biomarker, identified in European and African Americans. Nephrology Dialysis Transplantation, 2013, 28, 1497-1504.	0.7	22
64	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, 784-790.	4.5	20
65	<scp>GCKR</scp> and <scp>PPP</scp>1R3B identified as genomeâ€wide significant loci for plasma lactate: the Atherosclerosis Risk in Communities (<scp>ARIC</scp>) study. Diabetic Medicine, 2016, 33, 968-975.	2.3	20
66	Genome-wide association study of serum metabolites in the African American Study of Kidney Disease and Hypertension. Kidney International, 2021, 100, 430-439.	5.2	20
67	Genetic loci and prioritization of genes for kidney function decline derived from a meta-analysis of 62 longitudinal genome-wide association studies. Kidney International, 2022, 102, 624-639.	5.2	18
68	Patterns of Kidney Function Decline Associated with APOL1 Genotypes: Results from AASK. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 1353-1359.	4.5	17
69	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. Communications Biology, 2022, 5, .	4.4	17
70	Copy number polymorphisms near SLC2A9 are associated with serum uric acid concentrations. BMC Genetics, 2014, 15, 81.	2.7	16
71	Multiple and Selective Reaction Monitoring Using Triple Quadrupole Mass Spectrometer: Preclinical Large Cohort Analysis. Methods in Molecular Biology, 2016, 1410, 249-264.	0.9	16
72	Validation of a Novel Modified Aptamer-Based Array Proteomic Platform in Patients with End-Stage Renal Disease. Diagnostics, 2018, 8, 71.	2.6	15

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73	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.	6.1	14
74	Genome-wide association study identified the human leukocyte antigen region as a novel locus for plasma beta-2 microglobulin. Human Genetics, 2013, 132, 619-627.	3.8	13
75	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.	2.7	13
76	Serum 6-Bromotryptophan Levels Identified as a Risk Factor for CKD Progression. Journal of the American Society of Nephrology: JASN, 2018, 29, 1939-1947.	6.1	13
77	Association of Midlife Plasma Amyloid-Î² Levels With Cognitive Impairment in Late Life. Neurology, 2021, 97, e1123-e1131.	1.1	13
78	NAT8 Variants, N-Acetylated Amino Acids, and Progression of CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 37-47.	4.5	13
79	Methods for Assessing Familial Aggregation: Family History Measures and Confounding in the Standard Cohort, Reconstructed Cohort and Case-Control Designs. Human Heredity, 2009, 68, 201-208.	0.8	12
80	Low Serum Magnesium is Associated with Incident Dementia in the ARIC-NCS Cohort. Nutrients, 2020, 12, 3074.	4.1	12
81	Using multiple measures for quantitative trait association analyses: application to estimated glomerular filtration rate. Journal of Human Genetics, 2013, 58, 461-466.	2.3	11
82	Genetic Risk, Midlife Life's Simple 7, and Incident Dementia in the Atherosclerosis Risk in Communities Study. Neurology, 2022, 99, .	1.1	11
83	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.	1.1	9
84	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.	3.3	9
85	Race, <scp>APOL1</scp> Risk Variants, and Clinical Outcomes among Older Adults: The <scp>ARIC</scp> Study. Journal of the American Geriatrics Society, 2021, 69, 155-163.	2.6	9
86	Heritability analysis of nontraditional glycemic biomarkers in the Atherosclerosis Risk in Communities Study. Genetic Epidemiology, 2019, 43, 776-785.	1.3	8
87	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. Nature Communications, 2021, 12, 7173.	12.8	8
88	Vitamin D status and immune function reconstitution in HIV-infected men initiating therapy. Aids, 2018, 32, 1069-1076.	2.2	7
89	Urine 6-Bromotryptophan: Associations with Genetic Variants and Incident End-Stage Kidney Disease. Scientific Reports, 2020, 10, 10018.	3.3	6
90	Serum Urate, Genetic Variation, and Prostate Cancer Risk: Atherosclerosis Risk in Communities (ARIC) Study. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1259-1261.	2.5	5

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91	Proteomic Analysis Identifies Circulating Proteins Associated With Plasma Amyloid-Î² and Incident Dementia. Biological Psychiatry Global Open Science, 2023, 3, 490-499.	2.2	5
92	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.	1.1	4
93	GSTM1 Copy Number Is Not Associated With Risk of Kidney Failure in a Large Cohort. Frontiers in Genetics, 2019, 10, 765.	2.3	4
94	APOL1 Kidney Risk Variants and Proteomics. Clinical Journal of the American Society of Nephrology: CJASN, 2022, 17, 684-692.	4.5	4
95	Association of FMO3 Variants with Blood Pressure in the Atherosclerosis Risk in Communities Study. International Journal of Hypertension, 2019, 2019, 1-8.	1.3	3
96	Predictors of Acute Renal Injury Study (PARIS) among HIV-positive individuals: design and methods. BMC Nephrology, 2017, 18, 289.	1.8	2
97	Association between Circulating Protein C Levels and Incident Dementia: The Atherosclerosis Risk in Communities Study. Neuroepidemiology, 2021, 55, 306-315.	2.3	2
98	Hypertensive Diseases in Pregnancy and Kidney Function Later in Life. Mayo Clinic Proceedings, 2022, 97, 78-87.	3.0	2
99	Genome-wide association study reveals two loci for serum magnesium concentrations in European-American children. Scientific Reports, 2015, 5, 18792.	3.3	1
100	Vitamin D Metabolites in Aging HIV-Infected Men: Does Inflammation Play a Role?. AIDS Research and Human Retroviruses, 2018, 34, 1067-1074.	1.1	1
101	Largeâ€scale plasma proteomic analysis identifies proteins and biological pathways associated with incident dementia. Alzheimer's and Dementia, 2020, 16, e038307.	0.8	1
102	Epidemiologic and Genetic Associations of Erythropoietin With Blood Pressure, Hypertension, and Coronary Artery Disease. Hypertension, 2021, 78, 1555-1566.	2.7	1
103	Whole Exome Sequence Study of Mild Cognitive Impairment in African and European Americans; the Atherosclerosis Risk in Communitiesâ€Neurocognitive Study. Alzheimer's and Dementia, 2021, 17, e058619.	0.8	1
104	Vitamin D Metabolites and Inflammation in the Multicenter AIDS Cohort Study (MACS). Open Forum Infectious Diseases, 2016, 3, .	0.9	0
105	Integrative Omics for Identifying Dysfunctional Pathways in CKD. Kidney International Reports, 2019, 4, 194-195.	0.8	0
106	Abstract 903: Circulating inflammatory proteins associated with mortality from causes other than the index cancer in older adult cancer survivors in the atherosclerosis risk in communities study. , 2021, , .		0
107	Mapping the pathways underlying the associations of albuminuria with cognitive decline and dementia. EBioMedicine, 2021, 72, 103623.	6.1	0
108	Abstract MP50: Serum Metabolomic Profile of Incident Diabetes. Circulation, 2018, 137, .	1.6	0

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109	Abstract MP07: Soluble Urokinase-type Plasminogen Activator Receptor is associated with progression of hypertension-attributed chronic kidney disease in African Americans. Circulation, 2018, 137, .	1.6	0
110	Transcription Factor HNF4A Regulates Urate Transporter ABCG2. FASEB Journal, 2019, 33, 575.10.	0.5	0
111	Abstract P194: Proteomic Analysis of Cardiac Troponin I And T in Older Adults Without Cardiovascular Disease. Circulation, 2020, 141, .	1.6	0