Ali G Gharavi

List of Publications by Year
in descending order

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102 papers	12,594 citations	53794 45 h-index	30922 102 g-index
113 all docs	113 docs citations	113 times ranked	20162 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
2	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
3	Genome-wide association study identifies susceptibility loci for IgA nephropathy. Nature Genetics, 2011, 43, 321-327.	21.4	528
4	Discovery of new risk loci for IgA nephropathy implicates genes involved in immunity against intestinal pathogens. Nature Genetics, 2014, 46, 1187-1196.	21.4	505
5	Diagnostic Utility of Exome Sequencing for Kidney Disease. New England Journal of Medicine, 2019, 380, 142-151.	27.0	456
6	Kidney Biopsy Findings in Patients with COVID-19. Journal of the American Society of Nephrology: JASN, 2020, 31, 1959-1968.	6.1	301
7	IgA nephropathy, the most common cause of glomerulonephritis, is linked to 6q22â€“23. Nature Genetics, 2000, 26, 354-357.	21.4	291
8	Presentation and Outcomes of Patients with ESKD and COVID-19. Journal of the American Society of Nephrology: JASN, 2020, 31, 1409-1415.	6.1	270
9	Current Understanding of the Role of Complement in IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2015, 26, 1503-1512.	6.1	236
10	Aberrant IgA1 Glycosylation Is Inherited in Familial and Sporadic IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2008, 19, 1008-1014.	6.1	227
11	Copy-Number Disorders Are a Common Cause of Congenital Kidney Malformations. American Journal of Human Genetics, 2012, 91, 987-997.	6.2	201
12	Acute Kidney Injury Due to Collapsing Glomerulopathy Following COVID-19 Infection. Kidney International Reports, 2020, 5, 940-945.	0.8	182
13	Whole-Exome Sequencing in Adults With Chronic Kidney Disease. Annals of Internal Medicine, 2018, 168, 100.	3.9	154
14	The copy number variation landscape of congenital anomalies of the kidney and urinary tract. Nature Genetics, 2019, 51, 117-127.	21.4	144
15	COVID-19â€“Associated Glomerular Disease. Journal of the American Society of Nephrology: JASN, 2021, 32, 33-40.	6.1	141
16	Variants in Complement Factor H and Complement Factor H-Related Protein Genes, CFHR3 and CFHR1, Affect Complement Activation in IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2015, 26, 1195-1204.	6.1	124
17	Genetic Drivers of Kidney Defects in the DiGeorge Syndrome. New England Journal of Medicine, 2017, 376, 742-754.	27.0	120
18	The genetic architecture of membranous nephropathy and its potential to improve non-invasive diagnosis. Nature Communications, 2020, 11, 1600.	12.8	120

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19	Mutations in DSTYK and Dominant Urinary Tract Malformations. New England Journal of Medicine, 2013, 369, 621-629.	27.0	119
20	HNF1B and PAX2 mutations are a common cause of renal hypodysplasia in the CKiD cohort. Pediatric Nephrology, 2011, 26, 897-903.	1.7	114
21	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. Nature Communications, 2019, 10, 29.	12.8	113
22	APOL1 Variants Increase Risk for FSGS and HIVAN but Not IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2011, 22, 1991-1996.	6.1	110
23	GWAS and enrichment analyses of non-alcoholic fatty liver disease identify new trait-associated genes and pathways across eMERGE Network. BMC Medicine, 2019, 17, 135.	5.5	110
24	Genomic medicine for kidney disease. Nature Reviews Nephrology, 2018, 14, 83-104.	9.6	102
25	Genetic approaches to human renal agenesis/hypoplasia and dysplasia. Pediatric Nephrology, 2007, 22, 1675-1684.	1.7	99
26	Deep Phenotyping on Electronic Health Records Facilitates Genetic Diagnosis by Clinical Exomes. American Journal of Human Genetics, 2018, 103, 58-73.	6.2	99
27	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. American Journal of Human Genetics, 2019, 105, 588-605.	6.2	99
28	Mapping a locus for susceptibility to HIV-1-associated nephropathy to mouse chromosome 3. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2488-2493.	7.1	95
29	A Panel of Serum Biomarkers Differentiates IgA Nephropathy from Other Renal Diseases. PLoS ONE, 2014, 9, e98081.	2.5	93
30	GWAS for serum galactose-deficient IgA1 implicates critical genes of the O-glycosylation pathway. PLoS Genetics, 2017, 13, e1006609.	3.5	92
31	Genetic basis of human congenital anomalies of the kidney and urinary tract. Journal of Clinical Investigation, 2018, 128, 4-15.	8.2	91
32	Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program. Circulation, 2020, 142, 1633-1646.	1.6	78
33	Mutations in TBX18 Cause Dominant Urinary Tract Malformations via Transcriptional Dysregulation of Ureter Development. American Journal of Human Genetics, 2015, 97, 291-301.	6.2	72
34	Genomic imbalances in pediatric patients with chronic kidney disease. Journal of Clinical Investigation, 2015, 125, 2171-2178.	8.2	68
35	CureGN Study Rationale, Design, and Methods: Establishing a Large Prospective Observational Study of Glomerular Disease. American Journal of Kidney Diseases, 2019, 73, 218-229.	1.9	68
36	Susceptibility loci for murine HIV-associated nephropathy encode trans-regulators of podocyte gene expression. Journal of Clinical Investigation, 2009, 119, 1178-1188.	8.2	66

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37	Copy number variation analysis identifies novel CAKUT candidate genes in children with a solitary functioning kidney. Kidney International, 2015, 88, 1402-1410.	5.2	65
38	Fine Mapping Implicates a Deletion of CFHR1 and CFHR3 in Protection from IgA Nephropathy in Han Chinese. Journal of the American Society of Nephrology: JASN, 2016, 27, 3187-3194.	6.1	63
39	Exome-wide Association Study Identifies GREB1L Mutations in Congenital Kidney Malformations. American Journal of Human Genetics, 2017, 101, 789-802.	6.2	63
40	Mycophenolate Mofetil in Combination with Steroids for Treatment of C3 Glomerulopathy. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 406-413.	4.5	63
41	Genomic Mismatch at LIMS1 Locus and Kidney Allograft Rejection. New England Journal of Medicine, 2019, 380, 1918-1928.	27.0	63
42	The eMERGE genotype set of 83,717 subjects imputed to ~40â€‰million variants genome wide and association with the herpes zoster medical record phenotype. Genetic Epidemiology, 2019, 43, 63-81.	1.3	63
43	The Burden of Candidate Pathogenic Variants for Kidney and Genitourinary Disorders Emerging From Exome Sequencing. Annals of Internal Medicine, 2019, 170, 11.	3.9	60
44	Phenotypic Expansion of DGKE-Associated Diseases. Journal of the American Society of Nephrology: JASN, 2014, 25, 1408-1414.	6.1	59
45	Rare loss-of-function variants in type I IFN immunity genes are not associated with severe COVID-19. Journal of Clinical Investigation, 2021, 131, .	8.2	56
46	Clinical Genetic Screening in Adult Patients with Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1497-1510.	4.5	53
47	Inhibition of STAT3 Signaling Reduces IgA1 Autoantigen Production in IgA Nephropathy. Kidney International Reports, 2017, 2, 1194-1207.	0.8	49
48	Genome-wide polygenic score to predict chronic kidney disease across ancestries. Nature Medicine, 2022, 28, 1412-1420.	30.7	48
49	Genetic testing for kidney disease of unknown etiology. Kidney International, 2020, 98, 590-600.	5.2	46
50	High rate of renal recovery in survivors of COVID-19 associated acute renal failure requiring renal replacement therapy. PLoS ONE, 2020, 15, e0244131.	2.5	46
51	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
52	Donorâ€™s APOL1 Risk Genotype and â€œSecond Hitsâ€•Associated With De Novo Collapsing Glomerulopathy in Deceased Donor Kidney Transplant Recipients: A Report of 5 Cases. American Journal of Kidney Diseases, 2019, 73, 134-139.	1.9	45
53	Ethical Considerations Related to Return of Results from Genomic Medicine Projects: The eMERGE Network (Phase III) Experience. Journal of Personalized Medicine, 2018, 8, 2.	2.5	44
54	A Dominant Mutation in Nuclear Receptor Interacting Protein 1 Causes Urinary Tract Malformations via Dysregulation of Retinoic Acid Signaling. Journal of the American Society of Nephrology: JASN, 2017, 28, 2364-2376.	6.1	40

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55	Exome-Based Rare-Variant Analyses in CKD. Journal of the American Society of Nephrology: JASN, 2019, 30, 1109-1122.	6.1	40
56	Medical records-based chronic kidney disease phenotype for clinical care and â€œbig dataâ€•observational and genetic studies. Npj Digital Medicine, 2021, 4, 70.	10.9	39
57	Health-related quality of life in glomerular disease. Kidney International, 2019, 95, 1209-1224.	5.2	38
58	Genomic Disorders and Neurocognitive Impairment in Pediatric CKD. Journal of the American Society of Nephrology: JASN, 2017, 28, 2303-2309.	6.1	36
59	Accelerated development of collapsing glomerulopathy in mice congenic for the HIVAN1 locus. Kidney International, 2009, 75, 366-372.	5.2	31
60	Generalizability of Polygenic Risk Scores for Breast Cancer Among Women With European, African, and Latinx Ancestry. JAMA Network Open, 2021, 4, e2119084.	5.9	31
61	Longitudinal Outcomes of COVID-19â€“Associated Collapsing Glomerulopathy and Other Podocytopathies. Journal of the American Society of Nephrology: JASN, 2021, 32, 2958-2969.	6.1	31
62	Pilot Study of Return of Genetic Results to Patients in Adult Nephrology. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 651-664.	4.5	28
63	Rare genetic causes of complex kidney and urological diseases. Nature Reviews Nephrology, 2020, 16, 641-656.	9.6	27
64	Experimental evidence of pathogenic role of IgG autoantibodies in IgA nephropathy. Journal of Autoimmunity, 2021, 118, 102593.	6.5	27
65	Type IV Collagen Mutations in Familial IgA Nephropathy. Kidney International Reports, 2020, 5, 1075-1078.	0.8	26
66	Leukemia Inhibitory Factor Signaling Enhances Production of Galactose-Deficient IgA1 in IgA Nephropathy. Kidney Diseases (Basel, Switzerland), 2020, 6, 168-180.	2.5	26
67	Mutations of the Transcriptional Corepressor ZMYM2 Cause Syndromic Urinary Tract Malformations. American Journal of Human Genetics, 2020, 107, 727-742.	6.2	25
68	Association of Pathogenic Variants in Hereditary Cancer Genes With Multiple Diseases. JAMA Oncology, 2022, 8, 835.	7.1	25
69	Novel mutations in the inverted formin 2 gene of Chinese families contribute to focal segmental glomerulosclerosis. Kidney International, 2015, 88, 593-604.	5.2	23
70	Genetic Susceptibility, HIV Infection, and the Kidney. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, S25-S35.	4.5	22
71	Serum Response Factor Is Essential for Maintenance of Podocyte Structure and Function. Journal of the American Society of Nephrology: JASN, 2018, 29, 416-422.	6.1	20
72	Association of rare predicted loss-of-function variants of influenza-related type I IFN genes with critical COVID-19 pneumonia. Reply.. Journal of Clinical Investigation, 2021, 131, .	8.2	20

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73	Atlas-CNV: a validated approach to call single-exon CNVs in the eMERGESeq gene panel. Genetics in Medicine, 2019, 21, 2135-2144.	2.4	19
74	Copy Number Variant Analysis and Genome-wide Association Study Identify Loci with Large Effect for Vesicoureteral Reflux. Journal of the American Society of Nephrology: JASN, 2021, 32, 805-820.	6.1	17
75	GeneLiFT: A novel test to facilitate rapid screening of genetic literacy in a diverse population undergoing genetic testing. Journal of Genetic Counseling, 2021, 30, 742-754.	1.6	16
76	The emerging role of genomics in the diagnosis and workup of congenital urinary tract defects: a novel deletion syndrome on chromosome 3q13.31-22.1. Pediatric Nephrology, 2014, 29, 257-267.	1.7	15
77	Heterozygous loss of WBP11 function causes multiple congenital defects in humans and mice. Human Molecular Genetics, 2021, 29, 3662-3678.	2.9	14
78	De novo TRIM8 variants impair its protein localization to nuclear bodies and cause developmental delay, epilepsy, and focal segmental glomerulosclerosis. American Journal of Human Genetics, 2021, 108, 357-367.	6.2	14
79	Towards precision nephrology: the opportunities and challenges of genomic medicine. Journal of Nephrology, 2018, 31, 47-60.	2.0	13
80	Cases in Precision Medicine: APOL1 and Genetic Testing in the Evaluation of Chronic Kidney Disease and Potential Transplant. Annals of Internal Medicine, 2019, 171, 659.	3.9	13
81	Precision Medicine in Internal Medicine. Annals of Internal Medicine, 2019, 170, 635.	3.9	12
82	Do research participants share genomic screening results with family members?. Journal of Genetic Counseling, 2022, 31, 447-458.	1.6	12
83	Identification of the Nephropathy-Susceptibility Locus HIVAN4. Journal of the American Society of Nephrology: JASN, 2011, 22, 1497-1504.	6.1	11
84	Evaluation of the cost and effectiveness of diverse recruitment methods for a genetic screening study. Genetics in Medicine, 2019, 21, 2371-2380.	2.4	10
85	Medical Records-Based Genetic Studies of the Complement System. Journal of the American Society of Nephrology: JASN, 2021, 32, 2031-2047.	6.1	10
86	Expanding opportunities and emerging challenges: broadening the scope of genetic testing in nephrology. Kidney International, 2019, 95, 743-746.	5.2	8
87	LIMS1 risk genotype and T cellâ€“mediated rejection in kidney transplant recipients. Nephrology Dialysis Transplantation, 2021, 36, 2120-2129.	0.7	8
88	Dashboards to Facilitate Nephrology Disaster Planning in the COVID-19 Era. Kidney International Reports, 2020, 5, 1298-1302.	0.8	7
89	Cases in Precision Medicine: Genetic Testing to Predict Future Risk for Disease in a Healthy Patient. Annals of Internal Medicine, 2021, 174, 540-547.	3.9	7
90	Improving data quality in observational research studies: Report of the Cure Glomerulonephropathy (CureGN) network. Contemporary Clinical Trials Communications, 2021, 22, 100749.	1.1	7

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91	Quantitative disease risk scores from EHR with applications to clinical risk stratification and genetic studies. Npj Digital Medicine, 2021, 4, 116.	10.9	7
92	An electronic health record (EHR) log analysis shows limited clinician engagement with unsolicited genetic test results. JAMIA Open, 2021, 4, ooab014.	2.0	5
93	Assessing Genetic Risk for IgA Nephropathy. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 182-184.	4.5	4
94	Diagnostic sequencing to support genetically stratified medicine in a tertiary care setting. Genetics in Medicine, 2022, 24, 862-869.	2.4	4
95	Refinement of the HIVAN1 Susceptibility Locus on Chr. 3A1-A3 via Generation of Sub-Congenic Strains. PLoS ONE, 2016, 11, e0163860.	2.5	3
96	GWAS in Mice Maps Susceptibility to HIV-Associated Nephropathy to the Ssbp2 Locus. Journal of the American Society of Nephrology: JASN, 2022, 33, 108-120.	6.1	3
97	tarSVM: Improving the accuracy of variant calls derived from microfluidic PCR-based targeted next generation sequencing using a support vector machine. BMC Bioinformatics, 2016, 17, 233.	2.6	2
98	Genomeâ€wide association study in mice identifies loci affecting liverâ€related phenotypes including Sel1l influencing serum bile acids. Hepatology, 2016, 63, 1943-1956.	7.3	2
99	Persistent Disease Activity in Patients With Long-Standing Glomerular Disease. Kidney International Reports, 2020, 5, 860-871.	0.8	2
100	Familial Aggregation of CKD: Gene or Environment?. American Journal of Kidney Diseases, 2021, 77, 861-862.	1.9	2
101	Cellular recording devices imprint the history of the cell. Nature Reviews Nephrology, 2018, 14, 477-478.	9.6	0
102	P0355FAMILY HISTORY OF COMPLEX TRAITS IN THE CUREGN COHORT: ASSOCIATIONS WITH RENAL FUNCTION, COMORBIDITY BURDEN AND DISEASE PROGRESSION. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0