Rany M Salem

List of Publications by Year
in descending order

58 papers	12,113 citations	117571 34 h-index	143943 57 g-index
62 all docs	62 docs citations	62 times ranked	21611 citing authors

#	Article	IF	Citations
1	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. Biological Psychiatry, 2022, 91, 626-636.	0.7	21
2	Markers of kidney function, genetic variation related to cognitive function, and cognitive performance in the UK Biobank. BMC Nephrology, 2022, 23, 159.	0.8	2
3	Genome-wide meta-analysis and omics integration identifies novel genes associated with diabetic kidney disease. Diabetologia, 2022, 65, 1495-1509.	2.9	16
4	Similar Genetic Architecture of Alzheimerâ€™s Disease and Differential APOE Effect Between Sexes. Frontiers in Aging Neuroscience, 2021, 13, 674318.	1.7	8
5	Biomarkers of kidney function and cognitive ability: A Mendelian randomization study. Journal of the Neurological Sciences, 2021, 430, 118071.	0.3	7
6	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. Journal of the American Society of Nephrology: JASN, 2019, 30, 2000-2016.	3.0	135
7	Using metabolite profiling to construct and validate a metabolite risk score for predicting future weight gain. PLoS ONE, 2019, 14, e0222445.	1.1	7
8	Interrogation of human hematopoiesis at single-cell and single-variant resolution. Nature Genetics, 2019, 51, 683-693.	9.4	147
9	Genetic Evidence That Carbohydrate-Stimulated Insulin Secretion Leads to Obesity. Clinical Chemistry, 2018, 64, 192-200.	1.5	66
10	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. Diabetes, 2018, 67, 1414-1427.	0.3	136
11	Evolutionary Pressure against MHC Class II Binding Cancer Mutations. Cell, 2018, 175, 416-428.e13.	13.5	176
12	Prospective associations of C-reactive protein (CRP) levels and CRP genetic risk scores with risk of total knee and hip replacement for osteoarthritis in a diverse cohort. Osteoarthritis and Cartilage, 2018, 26, 1038-1044.	0.6	9
13	Comprehensive population-based genome sequencing provides insight into hematopoietic regulatory mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E327-E336.	3.3	39
14	The Genetic Landscape of Renal Complications in Type 1 Diabetes. Journal of the American Society of Nephrology: JASN, 2017, 28, 557-574.	3.0	101
15	Determinants of Power in Gene-Based Burden Testing for Monogenic Disorders. American Journal of Human Genetics, 2016, 99, 527-539.	2.6	39
16	Recurring exon deletions in the HP (haptoglobin) gene contribute to lower blood cholesterol levels. Nature Genetics, 2016, 48, 359-366.	9.4	93
17	Targeted Application of Human Genetic Variation Can Improve Red Blood Cell Production from Stem Cells. Cell Stem Cell, 2016, 18, 73-78.	5.2	78
18	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328

#	Article	IF	Citations
19	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
20	Efficient Bayesian mixed-model analysis increases association power in large cohorts. Nature Genetics, 2015, 47, 284-290.	9.4	1,285
21	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	13.7	173
22	Genome-wide Analysis of Body Proportion Classifies Height-Associated Variants by Mechanism of Action and Implicates Genes Important for Skeletal Development. American Journal of Human Genetics, 2015, 96, 695-708.	2.6	67
23	Genetic Evidence for a Causal Role of Obesity in Diabetic Kidney Disease. Diabetes, 2015, 64, 4238-4246.	0.3	63
24	Distribution and Medical Impact of Loss-of-Function Variants in the Finnish Founder Population. PLoS Genetics, 2014, 10, e1004494.	1.5	351
25	Novel genetic susceptibility loci for diabetic end-stage renal disease identified through robust naive Bayes classification. Diabetologia, 2014, 57, 1611-1622.	2.9	19
26	An Excess of Risk-Increasing Low-Frequency Variants Can Be a Signal of Polygenic Inheritance in Complex Diseases. American Journal of Human Genetics, 2014, 94, 437-452.	2.6	55
27	MicroRNA-22 and promoter motif polymorphisms at the Chga locus in genetic hypertension: functional and therapeutic implications for gene expression and the pathogenesis of hypertension. Human Molecular Genetics, 2013, 22, 3624-3640.	1.4	46
28	Chromosome 2q31.1 Associates with ESRD in Women with Type 1 Diabetes. Journal of the American Society of Nephrology: JASN, 2013, 24, 1537-1543.	3.0	66
29	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature Genetics, 2013, 45, 76-82.	9.4	293
30	New Susceptibility Loci Associated with Kidney Disease in Type 1 Diabetes. PLoS Genetics, 2012, 8, e1002921.	1.5	216
31	Methylenetetrahydrofolate reductase (MTHFR) polymorphism A1298C (Glu429Ala) predicts decline in renal function over time in the African-American Study of Kidney Disease and Hypertension (AASK) Trial and Veterans Affairs Hypertension Cohort (VAHC). Nephrology Dialysis Transplantation, 2012, 27, 197-205.	0.4	19
32	A genome-wide association meta-analysis identifies new childhood obesity loci. Nature Genetics, 2012, 44, 526-531.	9.4	352
33	Association Testing of Previously Reported Variants in a Large Case-Control Meta-analysis of Diabetic Nephropathy. Diabetes, 2012, 61, 2187-2194.	0.3	77
34	Naturally Occurring Genetic Variants in Human Chromogranin A (CHGA) Associated with Hypertension as well as Hypertensive Renal Disease. Cellular and Molecular Neurobiology, 2010, 30, 1395-1400.	1.7	9
35	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	13.7	1,789
36	Longitudinal Genome-Wide Association of Cardiovascular Disease Risk Factors in the Bogalusa Heart Study. PLoS Genetics, 2010, 6, e1001094.	1.5	126

#	Article	IF	Citations
37	Curve-based multivariate distance matrix regression analysis: application to genetic association analyses involving repeated measures. Physiological Genomics, 2010, 42, 236-247.	1.0	3
38	The VA Hypertension Primary Care Longitudinal Cohort: Electronic medical records in the post-genomic era. Health Informatics Journal, 2010, 16, 274-286.	1.1	7
39	Progression of Chronic Kidney Disease: Adrenergic Genetic Influence on Glomerular Filtration Rate Decline in Hypertensive Nephrosclerosis. American Journal of Nephrology, 2010, 32, 23-30.	1.4	14
40	Common Charge-Shift Mutation Glu65Lys in K+ Channel Î²1-Subunit KCNMB1: Pleiotropic Consequences for Glomerular Filtration Rate and Progressive Renal Disease. American Journal of Nephrology, 2010, 32, 414-424.	1.4	14
41	Common Functional Genetic Variants in Catecholamine Storage Vesicle Protein Promoter Motifs Interact to Trigger Systemic Hypertension. Journal of the American College of Cardiology, 2010, 55, 1463-1475.	1.2	20
42	Autonomic Function in Hypertension. Circulation: Cardiovascular Genetics, 2009, 2, 46-56.	5.1	26
43	Dopamine D1 receptor (DRD1) genetic polymorphism: pleiotropic effects on heritable renal traits. Kidney International, 2009, 76, 1070-1080.	2.6	13
44	G-Protein-Coupled Receptor Kinase 4 Polymorphisms and Blood Pressure Response to Metoprolol Among African Americans: Sex-Specificity and Interactions. American Journal of Hypertension, 2009, 22, 332-338.	1.0	62
45	Adrenergic beta-1 receptor genetic variation predicts longitudinal rate of GFR decline in hypertensive nephrosclerosis. Nephrology Dialysis Transplantation, 2009, 24, 3677-3686.	0.4	11
46	Adrenergic Polymorphism and the Human Stress Response. Annals of the New York Academy of Sciences, 2008, 1148, 282-296.	1.8	18
47	Naturally Occurring Human Genetic Variation in the 3â€²-Untranslated Region of the Secretory Protein Chromogranin A Is Associated With Autonomic Blood Pressure Regulation and Hypertension in a Sex-Dependent Fashion. Journal of the American College of Cardiology, 2008, 52, 1468-1481.	1.2	44
48	Genetic Variation Within Adrenergic Pathways Determines In Vivo Effects of Presynaptic Stimulation in Humans. Circulation, 2008, 117, 517-525.	1.6	18
49	Chromogranin A Polymorphisms Are Associated With Hypertensive Renal Disease. Journal of the American Society of Nephrology: JASN, 2008, 19, 600-614.	3.0	58
50	Single nucleotide polymorphism (SNP) discovery of human trace amine associated receptors TAAR1 and TAAR9 and their possible role in vasomotor tone. FASEB Journal, 2008, 22, 1135.6.	0.2	0
51	Renal Albumin Excretion. Hypertension, 2007, 49, 1015-1031.	1.3	50
52	Catecholamine Releaseâ€“Inhibitory Peptide Catestatin (Chromogranin A 352â€“372). Circulation, 2007, 115, 2271-2281.	1.6	105
53	Angiotensin-converting enzyme gene polymorphism predicts the time-course of blood pressure response to angiotensin converting enzyme inhibition in the AASK trial. Journal of Hypertension, 2007, 25, 2082-2092.	0.3	43
54	Tyrosine Hydroxylase, the Rate-Limiting Enzyme in Catecholamine Biosynthesis. Circulation, 2007, 116, 993-1006.	1.6	89

#	Article	IF	Citations
55	Discovery of common human genetic variants of GTP cyclohydrolase 1 (GCH1) governing nitric oxide, autonomic activity, and cardiovascular risk. Journal of Clinical Investigation, 2007, 117, 2658-2671.	3.9	87
56	Catecholamine storage vesicles and the metabolic syndrome: the role of the chromogranin A fragment pancreastatin. Diabetes, Obesity and Metabolism, 2006, 8, 621-633.	2.2	31
57	A comprehensive literature review of haplotyping software and methods for use with unrelated individuals. Human Genomics, 2005, 2, 39.	1.4	72
58	Pancreastatin: Multiple Actions on Human Intermediary Metabolismin Vivo, Variation in Disease, and Naturally Occurring Functional Genetic Polymorphism. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5414-5425.	1.8	79