Maryam Alsadat Daneshpour

List of Publications by Year
in descending order

91 papers	1,804 citations	394286 19 h-index	330025 37 g-index
91 all docs	91 docs citations	91 times ranked	3984 citing authors

#	Article	IF	Citations
1	Identification of low-frequency and rare sequence variants associated with elevated or reduced risk of type 2 diabetes. Nature Genetics, 2014, 46, 294-298.	9.4	294
2	Variants with large effects on blood lipids and the role of cholesterol and triglycerides in coronary disease. Nature Genetics, 2016, 48, 634-639.	9.4	214
3	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	5.8	84
4	Comparative effects of daily and weekly boron supplementation on plasma steroid hormones and proinflammatory cytokines. Journal of Trace Elements in Medicine and Biology, 2011, 25, 54-58.	1.5	81
5	Whole-genome sequencing identifies rare genotypes in COMP and CHADL associated with high risk of hip osteoarthritis. Nature Genetics, 2017, 49, 801-805.	9.4	75
6	Rationale and Design of a Genetic Study on Cardiometabolic Risk Factors: Protocol for the Tehran Cardiometabolic Genetic Study (TCGS). JMIR Research Protocols, 2017, 6, e28.	0.5	55
7	Bariatric Surgery for Morbid Obesity: Tehran Obesity Treatment Study (TOTS) Rationale and Study Design. JMIR Research Protocols, 2016, 5, e8.	0.5	45
8	Genetic polymorphism of vitamin D receptor gene affects the phenotype of PCOS. Gene, 2013, 515, 193-196.	1.0	44
9	Heritability of the metabolic syndrome and its components in the Tehran Lipid and Glucose Study (TLGS). Genetical Research, 2012, 94, 331-337.	0.3	43
10	Interplay between SARSâ€CoVâ€2 and human long nonâ€coding RNAs. Journal of Cellular and Molecular Medicine, 2021, 25, 5823-5827.	1.6	42
11	Mediterranean Dietary Pattern Adherence Modify the Association between FTO Genetic Variations and Obesity Phenotypes. Nutrients, 2017, 9, 1064.	1.7	39
12	Dietary patterns interact with APOA1/APOC3 polymorphisms to alter the risk of the metabolic syndrome: the Tehran Lipid and Glucose Study. British Journal of Nutrition, 2015, 113, 644-653.	1.2	32
13	Effect of interactions of polymorphisms in the Melanocortinâ€4 receptor gene with dietary factors on the risk of obesity and Type 2 diabetes: a systematic review. Diabetic Medicine, 2016, 33, 1026-1034.	1.2	29
14	The effect of interaction between Melanocortin-4 receptor polymorphism and dietary factors on the risk of metabolic syndrome. Nutrition and Metabolism, 2016, 13, 35.	1.3	28
15	Heritability of blood pressure traits in diverse populations: a systematic review and meta-analysis. Journal of Human Hypertension, 2019, 33, 775-785.	1.0	28
16	Association between TNF-Î± promoter G-308A and G-238A polymorphisms and obesity. Molecular Biology Reports, 2012, 39, 825-829.	1.0	27
17	Association between CETP Taq1B and LIPC -514C/T polymorphisms with the serum lipid levels in a group of Tehran's population: a cross sectional study. Lipids in Health and Disease, 2010, 9, 96.	1.2	26
18	SARS-CoV-2 infection susceptibility influenced by ACE2 genetic polymorphisms: insights from Tehran Cardio-Metabolic Genetic Study. Scientific Reports, 2021, 11, 1529.	1.6	25

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19	A Splice Region Variant in LDLR Lowers Non-high Density Lipoprotein Cholesterol and Protects against Coronary Artery Disease. PLoS Genetics, 2015, 11, e1005379.	1.5	24
20	Ischemic postconditioning provides cardioprotective and antiapoptotic effects against ischemiaâ€“reperfusion injury through iNOS inhibition in hyperthyroid rats. Gene, 2015, 570, 185-190.	1.0	22
21	The interaction of fat mass and obesity associated gene polymorphisms and dietary fiber intake in relation to obesity phenotypes. Scientific Reports, 2017, 7, 18057.	1.6	22
22	Effect of sequence variants on variance in glucose levels predicts type 2 diabetes risk and accounts for heritability. Nature Genetics, 2017, 49, 1398-1402.	9.4	20
23	Is there any association of apolipoprotein E gene polymorphism with obesity status and lipid profiles? Tehran Lipid and Glucose Study (TLGS). Gene, 2012, 509, 282-285.	1.0	17
24	Genetic variations of cholesteryl ester transfer protein and diet interactions in relation to lipid profiles and coronary heart disease: a systematic review. Nutrition and Metabolism, 2017, 14, 77.	1.3	17
25	Genetic Polymorphisms in the APOA1 Gene and their Relationship with Serum HDL Cholesterol Levels. Lipids, 2013, 48, 1207-1216.	0.7	16
26	Rapid microwave digestion and microplate reading format method for urinary iodine determination. Clinical Chemistry and Laboratory Medicine, 2011, 49, 281-4.	1.4	15
27	Western Dietary Pattern Interaction with APOC3 Polymorphism in the Risk of Metabolic Syndrome: Tehran Lipid and Glucose Study. Journal of Nutrigenetics and Nutrigenomics, 2014, 7, 105-117.	1.8	14
28	Haplotype analysis of Apo AI-CIII-AIV gene cluster and lipids level: Tehran lipid and glucose study. Endocrine, 2012, 41, 103-110.	1.1	13
29	Some dietary factors can modulate the effect of the zinc transporters 8 polymorphism on the risk of metabolic syndrome. Scientific Reports, 2017, 7, 1649.	1.6	13
30	Evaluating the interaction of common FTO genetic variants, added sugar, and trans-fatty acid intakes in altering obesity phenotypes. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 474-480.	1.1	13
31	Dietary patterns modify the association between fat mass and obesity-associated genetic variants and changes in obesity phenotypes. British Journal of Nutrition, 2019, 121, 1247-1254.	1.2	13
32	GCKR common functional polymorphisms are associated with metabolic syndrome and its components: a 10-year retrospective cohort study in Iranian adults. Diabetology and Metabolic Syndrome, 2021, 13, 20.	1.2	13
33	Rapid acid digestion and simple microplate method for milk iodine determination. Journal of Clinical Laboratory Analysis, 2007, 21, 286-292.	0.9	12
34	Association of Apo E gene polymorphism with HDL level in Tehranian population. European Journal of Lipid Science and Technology, 2010, 112, 810-816.	1.0	12
35	The relationship between MnSOD Val16Ala gene polymorphism and the level of serum total antioxidant capacity with the risk of chronic kidney disease in type 2 diabetic patients: a nested case-control study in the Tehran lipid glucose study. Nutrition and Metabolism, 2018, 15, 25.	1.3	12
36	Lack of association between FTO gene variations and metabolic healthy obese (MHO) phenotype: Tehran Cardio-metabolic Genetic Study (TCGS). Eating and Weight Disorders, 2020, 25, 25-35.	1.2	11

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37	GWAS findings improved genomic prediction accuracy of lipid profile traits: Tehran Cardiometabolic Genetic Study. Scientific Reports, 2021, 11, 5780.	1.6	11
38	The Effect of Interactions of Single Nucleotide Polymorphisms of APOA1/APOC3 with Food Group Intakes on the Risk of Metabolic Syndrome. Avicenna Journal of Medical Biotechnology, 2017, 9, 94-103.	0.2	11
39	The Relation between Metabolic Syndrome Risk Factors and Genetic Variations of Apolipoprotein V in Relation with Serum Triglyceride and HDL-C Level. Archives of Iranian Medicine, 2016, 19, 46-50.	0.2	11
40	The Relationship between Metabolic Syndrome, Cardiometabolic Risk Factors and Inflammatory Markers in a Tehranian Population: The Tehran Lipid and Glucose Study. Internal Medicine, 2012, 51, 3329-3335.	0.3	10
41	Association between TPO gene polymorphisms and Anti-TPO level in Tehranian population: TLGS. Gene, 2012, 498, 116-119.	1.0	10
42	Maternal Characteristics and Incidence of Overweight/Obesity in Children: A 13-Year Follow-up Study in an Eastern Mediterranean Population. Maternal and Child Health Journal, 2017, 21, 1211-1220.	0.7	10
43	Dietary Total Antioxidant Capacity and the Risk of Chronic Kidney Disease in Patients With Type 2 Diabetes: A Nested Case-Control Study in the Tehran Lipid Glucose Study. , 2019, 29, 394-398.		10
44	Association between apolipoprotein E polymorphism and nephropathy in Iranian diabetic patients. Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia, 2017, 28, 997.	0.4	10
45	Impact of secondhand smoke exposure in former smokers on their subsequent risk of coronary heart disease: evidence from the population-based cohort of the Tehran Lipid and Glucose Study. Epidemiology and Health, 2020, 42, e2020009.	0.8	9
46	Association of ATP-binding cassette transporter-A1 polymorphism with apolipoprotein AI level in Tehranian population. Journal of Genetics, 2011, 90, 129-132.	0.4	8
47	Analysis of loss of heterozygsity effect on thyroid tumor with oxyphilia cell locus in familial non medullary thyroid carcinoma in Iranian families. Indian Journal of Human Genetics, 2012, 18, 340.	0.7	8
48	The modifying effects of fish oil on fasting ghrelin mRNA expression in weaned rats. Gene, 2012, 507, 44-49.	1.0	8
49	Logic regression analysis of association of gene polymorphisms with low HDL: Tehran Lipid and Glucose Study. Gene, 2013, 513, 278-281.	1.0	8
50	Familial aggregation and linkage analysis with covariates for metabolic syndrome risk factors. Gene, 2018, 659, 118-122.	1.0	8
51	Kernel machine SNP set analysis provides new insight into the association between obesity and polymorphisms located on the chromosomal 16q.12.2 region: Tehran Lipid and Glucose Study. Gene, 2018, 658, 146-151.	1.0	8
52	Generality of genomic findings on blood pressure traits and its usefulness in precision medicine in diverse populations: A systematic review. Clinical Genetics, 2019, 96, 17-27.	1.0	8
53	High genetic burden of type 2 diabetes can promote the high prevalence of disease: a longitudinal cohort study in Iran. Scientific Reports, 2020, 10, 14006.	1.6	8
54	TaqI B1/B2 and -629A/C cholesteryl ester transfer protein (CETP) gene polymorphisms and their association with CETP activity and high-density lipoprotein cholesterol levels in a Tehranian population. Part of the Tehran Lipid and Glucose Study (TLGS). Genetics and Molecular Biology, 2007, 30, 1039-1046.	0.6	7

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55	Familial genetic and environmental risk profile and high blood pressure event: a prospective cohort of cardio-metabolic and genetic study. Blood Pressure, 2021, 30, 196-204.	0.7	7
56	Improvement of glycemic indices by a hypocaloric legume-based DASH diet in adults with type 2 diabetes: a randomized controlled trial. European Journal of Nutrition, 2022, 61, 3037-3049.	1.8	7
57	Identification of genetic variants of lecithin cholesterol acyltransferase in individuals with high HDL-C levels. Molecular Medicine Reports, 2014, 10, 496-502.	1.1	6
58	A novel association of rs13334070 in the RPGRIP1L gene with adiposity factors discovered by joint linkage and linkage disequilibrium analysis in Iranian pedigrees: Tehran Cardiometabolic Genetic Study (TCGS). Genetic Epidemiology, 2019, 43, 342-351.	0.6	6
59	Genetic markers and continuity of healthy metabolic status: Tehran cardio-metabolic genetic study (TCGS). Scientific Reports, 2020, 10, 13600.	1.6	6
60	The interaction between dietary patterns and melanocortin-4 receptor polymorphisms in relation to obesity phenotypes. Obesity Research and Clinical Practice, 2020, 14, 249-256.	0.8	6
61	TCF7L2 polymorphisms, nut consumption, and the risk of metabolic syndrome: a prospective population based study. Nutrition and Metabolism, 2021, 18, 10.	1.3	6
62	Dietary diversity modifies the association between FTO polymorphisms and obesity phenotypes. International Journal of Food Sciences and Nutrition, 2021, 72, 997-1007.	1.3	6
63	Kernel machine SNP set analysis finds the association of BUD13, ZPR1, and APOA5 variants with metabolic syndrome in Tehran Cardio-metabolic Genetics Study. Scientific Reports, 2021, 11, 10305.	1.6	6
64	Cardio-Metabolic Disease Genetic Risk Factors in Iran: Twenty Years of Tehran Lipid and Glucose Study. International Journal of Endocrinology and Metabolism, 2018, In Press, e84744.	0.3	6
65	Hepatic lipase C-514T polymorphism and its association with high-density lipoprotein cholesterol level in Tehran. European Journal of Cardiovascular Prevention and Rehabilitation, 2006, 13, 101-103.	3.1	5
66	Association of body mass index and Trp64Arg polymorphism of the Î²₃-adrenoreceptor gene and leptin level in Tehran Lipid and Glucose Study. British Journal of Biomedical Science, 2007, 64, 117-120.	1.2	5
67	Genome-wide association study on blood pressure traits in the Iranian population suggests ZBED9 as a new locus for hypertension. Scientific Reports, 2021, 11, 11699.	1.6	5
68	Diverse effect of MC4R risk alleles on obesity-related traits over a lifetime: Evidence from a well-designed cohort study. Gene, 2022, 807, 145950.	1.0	5
69	The AGT epistasis pattern proposed a novel role for ZBED9 in regulating blood pressure: Tehran Cardiometabolic genetic study (TCGS). Gene, 2022, 831, 146560.	1.0	5
70	8q24.3 and 11q25 chromosomal loci association with low HDL-C in metabolic syndrome. European Journal of Clinical Investigation, 2011, 41, 1105-1112.	1.7	4
71	ApoB (XbaI) polymorphism and lipid variation in Teharnian population. European Journal of Lipid Science and Technology, 2011, 113, 436-440.	1.0	4
72	AGTR1 rs5186 variants in patients with type 2 diabetes mellitus and nephropathy. Meta Gene, 2018, 15, 50-54.	0.3	4

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73	A Bayesian structural equation model in general pedigree data analysis. Statistical Analysis and Data Mining, 2019, 12, 404-411.	1.4	4
74	The interaction of cholesteryl ester transfer protein gene variations and diet on changes in serum lipid profiles. European Journal of Clinical Nutrition, 2019, 73, 1291-1298.	1.3	4
75	Identifying new associated pleiotropic SNPs with lipids by simultaneous test of multiple longitudinal traits: An Iranian family-based study. Gene, 2019, 692, 156-169.	1.0	4
76	Presence of CC Genotype for rs17773430 Could Affect the Percentage of Excess Weight Loss 1 Year After Bariatric Surgery: Tehran Obesity Treatment Study (TOTS). Obesity Surgery, 2020, 30, 537-544.	1.1	4
77	Low HDL concentration in rs2048327-G carriers can predispose men to develop coronary heart disease: Tehran Cardiometabolic genetic study (TCGS). Gene, 2021, 778, 145485.	1.0	4
78	Cholesteryl ester transfer protein gene variations and macronutrient intakes interaction in relation to metabolic syndrome: Tehran lipid and glucose study. Iranian Journal of Basic Medical Sciences, 2018, 21, 586-592.	1.0	4
79	Allele Frequency Distribution Data for D8S1132, D8S1779, D8S514, and D8S1743 in Four Ethnic Groups in Relation to Metabolic Syndrome: Tehran Lipid and Glucose Study. Biochemical Genetics, 2009, 47, 680-687.	0.8	3
80	Dietary factors influence the association of cyclin D2 polymorphism rs11063069 with the risk of metabolic syndrome. Nutrition Research, 2018, 52, 48-56.	1.3	3
81	Role of Air Pollution and rs10830963 Polymorphism on the Incidence of Type 2 Diabetes: Tehran Cardiometabolic Genetic Study. Journal of Diabetes Research, 2020, 2020, 1-10.	1.0	3
82	The joint effect of PPARG upstream genetic variation in association with long-term persistent obesity: Tehran cardio-metabolic genetic study (TCGS). Eating and Weight Disorders, 2021, 26, 2325-2332.	1.2	3
83	Parental Transmission Plays the Major Role in High Aggregation of Type 2 Diabetes in Iranian Families: Tehran Lipid and Glucose Study. Canadian Journal of Diabetes, 2022, 46, 60-68.	0.4	3
84	Hepatic lipase C-514T polymorphism and its association with high-density lipoprotein cholesterol level in Tehran. European Journal of Cardiovascular Prevention and Rehabilitation, 2006, 13, 101-103.	3.1	3
85	Association ofCD36Gene Variants and Metabolic Syndrome in Iranians. Genetic Testing and Molecular Biomarkers, 2012, 16, 234-238.	0.3	2
86	The age effect on the association between the scavenger receptor class B type I (SR-BI) polymorphism and HDL-C level: Tehran Lipid and Glucose Study. Endocrine Research, 2014, 39, 91-93.	0.6	2
87	Sex, age, and ethnic dependency of lipoprotein variants as the risk factors of ischemic heart disease: a detailed study on the different age-classes and genders in Tehran Cardiometabolic Genetic Study (TCGS). Biology of Sex Differences, 2022, 13, 4.	1.8	2
88	Serum adiponectin and cortisol levels are not affected by studied ADIPOQ gene variants: Tehran lipid and glucose study. BMC Endocrine Disorders, 2022, 22, 104.	0.9	2
89	Allele frequency distribution for D11S1304, D11S1998, and D11S934 and metabolic syndrome in TLGS. European Journal of Lipid Science and Technology, 2010, 112, 1302-1307.	1.0	1
90	Evaluating machine learning-powered classification algorithms which utilize variants in the GCKR gene to predict metabolic syndrome: Tehran Cardio-metabolic Genetics Study. Journal of Translational Medicine, 2022, 20, 164.	1.8	1

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91	Haplotype frequency distribution for 7 microsatellites in chromosome 8 and 11 in relation to the metabolic syndrome in four ethnic groups: Tehran Lipid and Glucose Study. Gene, 2012, 495, 62-64.	1.0	0