Vimal Karani

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Causal Relationship between Obesity and Vitamin D Status: Bi-Directional Mendelian Randomization Analysis of Multiple Cohorts. PLoS Medicine, 2013, 10, e1001383.	3.9	753
2	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2014, 2, 719-729.	5.5	319
3	Physical activity attenuates the body mass indexâ€"increasing influence of genetic variation in the FTO gene. American Journal of Clinical Nutrition, 2009, 90, 425-428.	2.2	182
4	Circulating vitamin D concentration and risk of seven cancers: Mendelian randomisation study. BMJ: British Medical Journal, 2017, 359, j4761.	2.4	126
5	Progress in the genetics of common obesity and type 2 diabetes. Expert Reviews in Molecular Medicine, 2010, 12, e7.	1.6	86
6	Evaluation of Genetic Markers as Instruments for Mendelian Randomization Studies on Vitamin D. PLoS ONE, 2012, 7, e37465.	1.1	81
7	A novel association of a polymorphism in the first intron of adiponectin gene with type 2 diabetes, obesity and hypoadiponectinemia in Asian Indians. Human Genetics, 2008, 123, 599-605.	1.8	44
8	Interaction between FTO gene variants and lifestyle factors on metabolic traits in an Asian Indian population. Nutrition and Metabolism, 2016, 13, 39.	1.3	42
9	Association Between FTO Variant and Change in Body Weight and Its Interaction With Dietary Factors: The DiOGenes Study. Obesity, 2012, 20, 1669-1674.	1.5	39
10	Candidate genes for obesity-susceptibility show enriched association within a large genome-wide association study for BMI. Human Molecular Genetics, 2012, 21, 4537-4542.	1.4	36
11	Vitamin D and covid-19. BMJ, The, 2021, 372, n544.	3.0	33
12	Depression increases the genetic susceptibility to high body mass index: Evidence from UK Biobank. Depression and Anxiety, 2019, 36, 1154-1162.	2.0	31
13	Interaction between TCF7L2 polymorphism and dietary fat intake on high density lipoprotein cholesterol. PLoS ONE, 2017, 12, e0188382.	1.1	30
14	A nutrigenetics approach to study the impact of genetic and lifestyle factors on cardiometabolic traits in various ethnic groups: findings from the GeNuIne Collaboration. Proceedings of the Nutrition Society, 2020, 79, 194-204.	0.4	25
15	Vitamin D pathway-related gene polymorphisms and their association with metabolic diseases: A literature review. Journal of Diabetes and Metabolic Disorders, 2020, 19, 1701-1729.	0.8	24
16	Diets, nutrients, genes and the microbiome: recent advances in personalised nutrition. British Journal of Nutrition, 2021, 126, 1489-1497.	1.2	24
17	Association of apolipoprotein E gene polymorphisms with blood lipids and their interaction with dietary factors. Lipids in Health and Disease, 2018, 17, 98.	1.2	23
18	Interaction between Vitamin D-Related Genetic Risk Score and Carbohydrate Intake on Body Fat Composition: A Study in Southeast Asian Minangkabau Women. Nutrients, 2021, 13, 326.	1.7	19

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19	Habitual Energy Expenditure Modifies the Association Between NOS3 Gene Polymorphisms and Blood Pressure. American Journal of Hypertension, 2008, 21, 297-302.	1.0	18
20	Interaction between the genetic risk score and dietary protein intake on cardiometabolic traits in Southeast Asian. Genes and Nutrition, 2020, 15, 19.	1.2	15
21	Absence of Association Between the <i>INSIG2</i> Gene Polymorphism (rs7566605) and Obesity in the European Youth Heart Study (EYHS). Obesity, 2009, 17, 1453-1457.	1.5	14
22	A genetic approach to study the relationship between maternal Vitamin D status and newborn anthropometry measurements: the Vitamin D pregnant mother (VDPM) cohort study. Journal of Diabetes and Metabolic Disorders, 2020, 19, 91-103.	0.8	14
23	Evidence for a causal association between milk intake and cardiometabolic disease outcomes using a two-sample Mendelian Randomization analysis in up to 1,904,220 individuals. International Journal of Obesity, 2021, 45, 1751-1762.	1.6	14
24	The APOB insertion/deletion polymorphism (rs17240441) influences postprandial lipaemia in healthy adults. Nutrition and Metabolism, 2015, 12, 7.	1.3	13
25	Impact of Lipoprotein Lipase Gene Polymorphism, S447X, on Postprandial Triacylglycerol and Glucose Response to Sequential Meal Ingestion. International Journal of Molecular Sciences, 2016, 17, 397.	1.8	13
26	Interaction between Metabolic Genetic Risk Score and Dietary Fatty Acid Intake on Central Obesity in a Ghanaian Population. Nutrients, 2020, 12, 1906.	1.7	13
27	A Nutrigenetic Approach to Investigate the Relationship between Metabolic Traits and Vitamin D Status in an Asian Indian Population. Nutrients, 2020, 12, 1357.	1.7	13
28	<i>FTO</i> geneâ€“lifestyle interactions on serum adiponectin concentrations and central obesity in a Turkish population. International Journal of Food Sciences and Nutrition, 2021, 72, 375-385.	1.3	13
29	Interaction between allelic variations in vitamin D receptor and retinoid X receptor genes on metabolic traits. BMC Genetics, 2014, 15, 37.	2.7	12
30	Foodomics for personalized nutrition: how far are we?. Current Opinion in Food Science, 2015, 4, 129-135.	4.1	12
31	Apolipoprotein E gene polymorphism modifies fasting total cholesterol concentrations in response to replacement of dietary saturated with monounsaturated fatty acids in adults at moderate cardiovascular disease risk. Lipids in Health and Disease, 2017, 16, 222.	1.2	12
32	A Nutrigenetic Update on CETP Geneâ€“Diet Interactions on Lipid-Related Outcomes. Current Atherosclerosis Reports, 2022, 24, 119-132.	2.0	12
33	Evidence for the association between FTO gene variants and vitamin B12 concentrations in an Asian Indian population. Genes and Nutrition, 2019, 14, 26.	1.2	11
34	APOA5 genotype influences the association between 25-hydroxyvitamin D and high density lipoprotein cholesterol. Atherosclerosis, 2013, 228, 188-192.	0.4	9
35	A nutrigenetic approach for investigating the relationship between vitamin B12 status and metabolic traits in Indonesian women. Journal of Diabetes and Metabolic Disorders, 2019, 18, 389-399.	0.8	9
36	Role of Government Financial Support and Vulnerability Characteristics Associated with Food Insecurity during the COVID-19 Pandemic among Young Peruvians. Nutrients, 2021, 13, 3546.	1.7	9

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37	Lack of Association Between <i>PCK1</i> Polymorphisms and Obesity, Physical Activity, and Fitness in European Youth Heart Study (EYHS). Obesity, 2010, 18, 1975-1980.	1.5	8
38	Circulating adiponectin mediates the association between omentin gene polymorphism and cardiometabolic health in Asian Indians. PLoS ONE, 2021, 16, e0238555.	1.1	8
39	Applying Mendelian randomization to appraise causality in relationships between nutrition and cancer. Cancer Causes and Control, 2022, 33, 631-652.	0.8	7
40	GeNuIne (Gene-Nutrient Interactions) Collaboration: Towards implementing multi-ethnic population-based nutrigenetic studies of vitamin B12 and D deficiencies and metabolic diseases. Proceedings of the Nutrition Society, 2021, , 1-30.	0.4	6
41	Interaction between Dietary Fat Intake and Metabolic Genetic Risk Score on 25-Hydroxyvitamin D Concentrations in a Turkish Adult Population. Nutrients, 2022, 14, 382.	1.7	6
42	Impact of Lipid Genetic Risk Score and Saturated Fatty Acid Intake on Central Obesity in an Asian Indian Population. Nutrients, 2022, 14, 2713.	1.7	5
43	Association of the tumor necrosis factor-alpha promoter polymorphism with change in triacylglycerol response to sequential meals. Nutrition Journal, 2015, 15, 70.	1.5	4
44	Lower Dietary Intake of Plant Protein Is Associated with Genetic Risk of Diabetes-Related Traits in Urban Asian Indian Adults. Nutrients, 2021, 13, 3064.	1.7	4
45	A genetic approach to examine the relationship between vitamin B12 status and metabolic traits in a South Asian population. International Journal of Diabetes in Developing Countries, 2020, 40, 21-31.	0.3	3
46	Effect of dietary fat intake and genetic risk on glucose and insulin-related traits in Brazilian young adults. Journal of Diabetes and Metabolic Disorders, 2021, 20, 1337-1347.	0.8	3
47	Impact of Genetic Risk Score and Dietary Protein Intake on Vitamin D Status in Young Adults from Brazil. Nutrients, 2022, 14, 1015.	1.7	3
48	Role of precision nutrition in improving military performance. Personalized Medicine, 2022, 19, 167-170.	0.8	3
49	Intake of Total and Subgroups of Fat Minimally Affect the Associations between Selected Single Nucleotide Polymorphisms in the PPARÎ³ Pathway and Changes in Anthropometry among European Adults from Cohorts of the DiOGenes Study. Journal of Nutrition, 2016, 146, 603-611.	1.3	2
50	Comment: â€œEvaluation of the Association of Omentin 1 rs2274907 A>T and rs2274908 G>A Gene Polymorphisms with Coronary Artery Disease in Indian Population: A Case Control Studyâ€• Journal of Personalized Medicine, 2020, 10, 190.	1.1	2
51	Interactions between Vitamin D Genetic Risk and Dietary Factors on Metabolic Disease-Related Outcomes in Ghanaian Adults. Nutrients, 2022, 14, 2763.	1.7	2
52	Comment on â€œGuiding Global Best Practice in Personalized Nutrition Based on Genetics: The Development of a Nutrigenomics Care Mapâ€• Journal of the Academy of Nutrition and Dietetics, 2021, 121, 1215-1216.	0.4	1