

# Vimal Karani

## List of Publications by Year in descending order

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52  
papers

2,213  
citations

430874

18  
h-index

233421

45  
g-index

54  
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54  
docs citations

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times ranked

4672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between Dietary Fat Intake and Metabolic Genetic Risk Score on 25-Hydroxyvitamin D Concentrations in a Turkish Adult Population. <i>Nutrients</i> , 2022, 14, 382.	4.1	6
2	A Nutrigenetic Update on CETP Gene–Diet Interactions on Lipid-Related Outcomes. <i>Current Atherosclerosis Reports</i> , 2022, 24, 119-132.	4.8	12
3	Impact of Genetic Risk Score and Dietary Protein Intake on Vitamin D Status in Young Adults from Brazil. <i>Nutrients</i> , 2022, 14, 1015.	4.1	3
4	Role of precision nutrition in improving military performance. <i>Personalized Medicine</i> , 2022, 19, 167-170.	1.5	3
5	Applying Mendelian randomization to appraise causality in relationships between nutrition and cancer. <i>Cancer Causes and Control</i> , 2022, 33, 631-652.	1.8	7
6	Impact of Lipid Genetic Risk Score and Saturated Fatty Acid Intake on Central Obesity in an Asian Indian Population. <i>Nutrients</i> , 2022, 14, 2713.	4.1	5
7	Interactions between Vitamin D Genetic Risk and Dietary Factors on Metabolic Disease-Related Outcomes in Ghanaian Adults. <i>Nutrients</i> , 2022, 14, 2763.	4.1	2
8	<i>FTO</i> gene–lifestyle interactions on serum adiponectin concentrations and central obesity in a Turkish population. <i>International Journal of Food Sciences and Nutrition</i> , 2021, 72, 375-385.	2.8	13
9	Interaction between Vitamin D-Related Genetic Risk Score and Carbohydrate Intake on Body Fat Composition: A Study in Southeast Asian Minangkabau Women. <i>Nutrients</i> , 2021, 13, 326.	4.1	19
10	Vitamin D and covid-19. <i>BMJ</i> , The, 2021, 372, n544.	6.0	33
11	Circulating adiponectin mediates the association between omentin gene polymorphism and cardiometabolic health in Asian Indians. <i>PLoS ONE</i> , 2021, 16, e0238555.	2.5	8
12	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. <i>International Journal of Obesity</i> , 2021, 45, 1751-1762.	3.4	14
13	Comment on “Guiding Global Best Practice in Personalized Nutrition Based on Genetics: The Development of a Nutrigenomics Care Map”. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2021, 121, 1215-1216.	0.8	1
14	Effect of dietary fat intake and genetic risk on glucose and insulin-related traits in Brazilian young adults. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1337-1347.	1.9	3
15	Lower Dietary Intake of Plant Protein Is Associated with Genetic Risk of Diabetes-Related Traits in Urban Asian Indian Adults. <i>Nutrients</i> , 2021, 13, 3064.	4.1	4
16	GeNulne (Gene-Nutrient Interactions) Collaboration: Towards implementing multi-ethnic population-based nutrigenetic studies of vitamin B12 and D deficiencies and metabolic diseases. <i>Proceedings of the Nutrition Society</i> , 2021, , 1-30.	1.0	6
17	Diets, nutrients, genes and the microbiome: recent advances in personalised nutrition. <i>British Journal of Nutrition</i> , 2021, 126, 1489-1497.	2.3	24
18	Role of Government Financial Support and Vulnerability Characteristics Associated with Food Insecurity during the COVID-19 Pandemic among Young Peruvians. <i>Nutrients</i> , 2021, 13, 3546.	4.1	9

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19	A genetic approach to examine the relationship between vitamin B12 status and metabolic traits in a South Asian population. <i>International Journal of Diabetes in Developing Countries</i> , 2020, 40, 21-31.	0.8	3
20	Interaction between the genetic risk score and dietary protein intake on cardiometabolic traits in Southeast Asian. <i>Genes and Nutrition</i> , 2020, 15, 19.	2.5	15
21	Interaction between Metabolic Genetic Risk Score and Dietary Fatty Acid Intake on Central Obesity in a Ghanaian Population. <i>Nutrients</i> , 2020, 12, 1906.	4.1	13
22	Comment: "Evaluation 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 Study" <i>Journal of Personalized Medicine</i> , 2020, 10, 190.	2.5	2
23	A Nutrigenetic Approach to Investigate the Relationship between Metabolic Traits and Vitamin D Status in an Asian Indian Population. <i>Nutrients</i> , 2020, 12, 1357.	4.1	13
24	A genetic approach to study the relationship between maternal Vitamin D status and newborn anthropometry measurements: the Vitamin D pregnant mother (VDPM) cohort study. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 91-103.	1.9	14
25	Vitamin D pathway-related gene polymorphisms and their association with metabolic diseases: A literature review. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1701-1729.	1.9	24
26	A nutrigenetics approach to study the impact of genetic and lifestyle factors on cardiometabolic traits in various ethnic groups: findings from the GeNulne Collaboration. <i>Proceedings of the Nutrition Society</i> , 2020, 79, 194-204.	1.0	25
27	A nutrigenetic approach for investigating the relationship between vitamin B12 status and metabolic traits in Indonesian women. <i>Journal of Diabetes and Metabolic Disorders</i> , 2019, 18, 389-399.	1.9	9
28	Depression increases the genetic susceptibility to high body mass index: Evidence from UK Biobank. <i>Depression and Anxiety</i> , 2019, 36, 1154-1162.	4.1	31
29	Evidence for the association between FTO gene variants and vitamin B12 concentrations in an Asian Indian population. <i>Genes and Nutrition</i> , 2019, 14, 26.	2.5	11
30	Association of apolipoprotein E gene polymorphisms with blood lipids and their interaction with dietary factors. <i>Lipids in Health and Disease</i> , 2018, 17, 98.	3.0	23
31	Circulating vitamin D concentration and risk of seven cancers: Mendelian randomisation study. <i>BMJ: British Medical Journal</i> , 2017, 359, j4761.	2.3	126
32	Interaction between TCF7L2 polymorphism and dietary fat intake on high density lipoprotein cholesterol. <i>PLoS ONE</i> , 2017, 12, e0188382.	2.5	30
33	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. <i>Lipids in Health and Disease</i> , 2017, 16, 222.	3.0	12
34	Impact of Lipoprotein Lipase Gene Polymorphism, S447X, on Postprandial Triacylglycerol and Glucose Response to Sequential Meal Ingestion. <i>International Journal of Molecular Sciences</i> , 2016, 17, 397.	4.1	13
35	Interaction between FTO gene variants and lifestyle factors on metabolic traits in an Asian Indian population. <i>Nutrition and Metabolism</i> , 2016, 13, 39.	3.0	42
36	Intake of Total and Subgroups of Fat Minimally Affect the Associations between Selected Single Nucleotide Polymorphisms in the PPAR $\beta$ Pathway and Changes in Anthropometry among European Adults from Cohorts of the DiOGenes Study. <i>Journal of Nutrition</i> , 2016, 146, 603-611.	2.9	2

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37	Association of the tumor necrosis factor-alpha promoter polymorphism with change in triacylglycerol response to sequential meals. <i>Nutrition Journal</i> , 2015, 15, 70.	3.4	4
38	Foodomics for personalized nutrition: how far are we?. <i>Current Opinion in Food Science</i> , 2015, 4, 129-135.	8.0	12
39	The APOB insertion/deletion polymorphism (rs17240441) influences postprandial lipaemia in healthy adults. <i>Nutrition and Metabolism</i> , 2015, 12, 7.	3.0	13
40	Interaction between allelic variations in vitamin D receptor and retinoid X receptor genes on metabolic traits. <i>BMC Genetics</i> , 2014, 15, 37.	2.7	12
41	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 719-729.	11.4	319
42	APOA5 genotype influences the association between 25-hydroxyvitamin D and high density lipoprotein cholesterol. <i>Atherosclerosis</i> , 2013, 228, 188-192.	0.8	9
43	Causal Relationship between Obesity and Vitamin D Status: Bi-Directional Mendelian Randomization Analysis of Multiple Cohorts. <i>PLoS Medicine</i> , 2013, 10, e1001383.	8.4	753
44	Candidate genes for obesity-susceptibility show enriched association within a large genome-wide association study for BMI. <i>Human Molecular Genetics</i> , 2012, 21, 4537-4542.	2.9	36
45	Association Between FTO Variant and Change in Body Weight and Its Interaction With Dietary Factors: The DiOGenes Study. <i>Obesity</i> , 2012, 20, 1669-1674.	3.0	39
46	Evaluation of Genetic Markers as Instruments for Mendelian Randomization Studies on Vitamin D. <i>PLoS ONE</i> , 2012, 7, e37465.	2.5	81
47	Lack of Association Between <i>PCK1</i> Polymorphisms and Obesity, Physical Activity, and Fitness in European Youth Heart Study (EYHS). <i>Obesity</i> , 2010, 18, 1975-1980.	3.0	8
48	Progress in the genetics of common obesity and type 2 diabetes. <i>Expert Reviews in Molecular Medicine</i> , 2010, 12, e7.	3.9	86
49	Physical activity attenuates the body mass index—increasing influence of genetic variation in the FTO gene. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 425-428.	4.7	182
50	Absence of Association Between the <i>INSIG2</i> Gene Polymorphism (rs7566605) and Obesity in the European Youth Heart Study (EYHS). <i>Obesity</i> , 2009, 17, 1453-1457.	3.0	14
51	A novel association of a polymorphism in the first intron of adiponectin gene with type 2 diabetes, obesity and hypoadiponectinemia in Asian Indians. <i>Human Genetics</i> , 2008, 123, 599-605.	3.8	44
52	Habitual Energy Expenditure Modifies the Association Between NOS3 Gene Polymorphisms and Blood Pressure. <i>American Journal of Hypertension</i> , 2008, 21, 297-302.	2.0	18