

Vimal Karani

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

1,578
citations

13
h-index

39
g-index

54
ext. papers

1,932
ext. citations

5.1
avg, IF

4.34
L-index

#	Paper	IF	Citations
45	Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. <i>PLoS Medicine</i> , 2013 , 10, e1001383	11.6	592
44	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 719-29	18.1	250
43	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, 425-8	7	155
42	Circulating vitamin D concentration and risk of seven cancers: Mendelian randomisation study. <i>BMJ, The</i> , 2017 , 359, j4761	5.9	94
41	Progress in the genetics of common obesity and type 2 diabetes. <i>Expert Reviews in Molecular Medicine</i> , 2010 , 12, e7	6.7	67
40	Evaluation of genetic markers as instruments for Mendelian randomization studies on vitamin D. <i>PLoS ONE</i> , 2012 , 7, e37465	3.7	65
39	Association between FTO variant and change in body weight and its interaction with dietary factors: the DiOGenes study. <i>Obesity</i> , 2012 , 20, 1669-74	8	35
38	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	6.3	35
37	Candidate genes for obesity-susceptibility show enriched association within a large genome-wide association study for BMI. <i>Human Molecular Genetics</i> , 2012 , 21, 4537-42	5.6	32
36	Interaction between FTO gene variants and lifestyle factors on metabolic traits in an Asian Indian population. <i>Nutrition and Metabolism</i> , 2016 , 13, 39	4.6	30
35	Interaction between TCF7L2 polymorphism and dietary fat intake on high density lipoprotein cholesterol. <i>PLoS ONE</i> , 2017 , 12, e0188382	3.7	18
34	Habitual energy expenditure modifies the association between NOS3 gene polymorphisms and blood pressure. <i>American Journal of Hypertension</i> , 2008 , 21, 297-302	2.3	17
33	Depression increases the genetic susceptibility to high body mass index: Evidence from UK Biobank. <i>Depression and Anxiety</i> , 2019 , 36, 1154-1162	8.4	13
32	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	4.4	13
31	Absence of association between the INSIG2 gene polymorphism (rs7566605) and obesity in the European Youth Heart Study (EYHS). <i>Obesity</i> , 2009 , 17, 1453-7	8	12
30	A nutrigenetics approach to study the impact of genetic and lifestyle factors on cardiometabolic traits in various ethnic groups: findings from the GeNuIne Collaboration. <i>Proceedings of the Nutrition Society</i> , 2020 , 79, 194-204	2.9	11
29	Foodomics for personalized nutrition: how far are we?. <i>Current Opinion in Food Science</i> , 2015 , 4, 129-135	9.8	10

28	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	4.4	9
27	Interaction between allelic variations in vitamin D receptor and retinoid X receptor genes on metabolic traits. <i>BMC Genetics</i> , 2014 , 15, 37	2.6	9
26	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	6.3	9
25	The APOB insertion/deletion polymorphism (rs17240441) influences postprandial lipaemia in healthy adults. <i>Nutrition and Metabolism</i> , 2015 , 12, 7	4.6	8
24	APOA5 genotype influences the association between 25-hydroxyvitamin D and high density lipoprotein cholesterol. <i>Atherosclerosis</i> , 2013 , 228, 188-92	3.1	7
23	Evidence for the association between gene variants and vitamin B12 concentrations in an Asian Indian population. <i>Genes and Nutrition</i> , 2019 , 14, 26	4.3	6
22	Interaction between the genetic risk score and dietary protein intake on cardiometabolic traits in Southeast Asian. <i>Genes and Nutrition</i> , 2020 , 15, 19	4.3	6
21	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	2.5	5
20	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	2.5	5
19	Lack of association between PCK1 polymorphisms and obesity, physical activity, and fitness in European Youth Heart Study (EYHS). <i>Obesity</i> , 2010 , 18, 1975-80	8	5
18	A Nutrigenetic Approach to Investigate the Relationship between Metabolic Traits and Vitamin D Status in an Asian Indian Population. <i>Nutrients</i> , 2020 , 12,	6.7	4
17	Interaction between Metabolic Genetic Risk Score and Dietary Fatty Acid Intake on Central Obesity in a Ghanaian Population. <i>Nutrients</i> , 2020 , 12,	6.7	4
16	Circulating adiponectin mediates the association between omentin gene polymorphism and cardiometabolic health in Asian Indians. <i>PLoS ONE</i> , 2021 , 16, e0238555	3.7	4
15	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	3.7	4
14	Diets, nutrients, genes and the microbiome: recent advances in personalised nutrition. <i>British Journal of Nutrition</i> , 2021 , 126, 1489-1497	3.6	4
13	Association of the tumor necrosis factor-alpha promoter polymorphism with change in triacylglycerol response to sequential meals. <i>Nutrition Journal</i> , 2016 , 15, 70	4.3	3
12	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,	3.6	2
11	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	2.5	2

10	Intake of Total and Subgroups of Fat Minimally Affect the Associations between Selected Single Nucleotide Polymorphisms in the PPAR α Pathway and Changes in Anthropometry among European Adults from Cohorts of the DiOGenes Study. <i>Journal of Nutrition</i> , 2016 , 146, 603-11	4.1	2
9	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	2
8	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,	6.7	2
7	A Nutrigenetic Update on CETP Gene-Diet Interactions on Lipid-Related Outcomes.. <i>Current Atherosclerosis Reports</i> , 2022 , 24, 119	6	1
6	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	3.9	1
5	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	2.5	1
4	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,	6.7	1
3	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	5.5	0
2	GeNulne (gene-nutrient interactions) Collaboration: towards implementing multi-ethnic population-based nutrigenetic studies of vitamin B and D deficiencies and metabolic diseases. <i>Proceedings of the Nutrition Society</i> , 2021 , 1-11	2.9	0
1	Applying Mendelian randomization to appraise causality in relationships between nutrition and cancer.. <i>Cancer Causes and Control</i> , 2022 , 1	2.8	0