

# Vanessa Derenji de Mello

## List of Publications by Citations

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45  
papers

1,514  
citations

21  
h-index

38  
g-index

48  
ext. papers

1,896  
ext. citations

5.6  
avg. IF

4.33  
L-index

#	Paper	IF	Citations
45	A diet high in fatty fish, bilberries and wholegrain products improves markers of endothelial function and inflammation in individuals with impaired glucose metabolism in a randomised controlled trial: the Sysdimet study. <i>Diabetologia</i> , <b>2011</b> , 54, 2755-67	10.3	146
44	Indolepropionic acid and novel lipid metabolites are associated with a lower risk of type 2 diabetes in the Finnish Diabetes Prevention Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 46337	4.9	137
43	Gene expression of peripheral blood mononuclear cells as a tool in dietary intervention studies: What do we know so far?. <i>Molecular Nutrition and Food Research</i> , <b>2012</b> , 56, 1160-72	5.9	120
42	Epigenetic Alterations in Human Liver From Subjects With Type 2 Diabetes in Parallel With Reduced Folate Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, E1491-501	5.6	109
41	Nontargeted metabolite profiling discriminates diet-specific biomarkers for consumption of whole grains, fatty fish, and bilberries in a randomized controlled trial. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 7-17	4.1	103
40	DNA methylation of loci within ABCG1 and PHOSPHO1 in blood DNA is associated with future type 2 diabetes risk. <i>Epigenetics</i> , <b>2016</b> , 11, 482-8	5.7	99
39	Associations of serum indolepropionic acid, a gut microbiota metabolite, with type 2 diabetes and low-grade inflammation in high-risk individuals. <i>Nutrition and Diabetes</i> , <b>2018</b> , 8, 35	4.7	75
38	Common and Distinctive Functions of the Hippo Effectors Taz and Yap in Skeletal Muscle Stem Cell Function. <i>Stem Cells</i> , <b>2017</b> , 35, 1958-1972	5.8	65
37	Effect of a chicken-based diet on renal function and lipid profile in patients with type 2 diabetes: a randomized crossover trial. <i>Diabetes Care</i> , <b>2002</b> , 25, 645-51	14.6	65
36	DNA methylation in obesity and type 2 diabetes. <i>Annals of Medicine</i> , <b>2014</b> , 46, 103-13	1.5	56
35	Insulin secretion and its determinants in the progression of impaired glucose tolerance to type 2 diabetes in impaired glucose-tolerant individuals: the Finnish Diabetes Prevention Study. <i>Diabetes Care</i> , <b>2012</b> , 35, 211-7	14.6	41
34	Human liver epigenetic alterations in non-alcoholic steatohepatitis are related to insulin action. <i>Epigenetics</i> , <b>2017</b> , 12, 287-295	5.7	39
33	Healthy Nordic diet downregulates the expression of genes involved in inflammation in subcutaneous adipose tissue in individuals with features of the metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 101, 228-39	7	38
32	Epigenetic alterations in blood mirror age-associated DNA methylation and gene expression changes in human liver. <i>Epigenomics</i> , <b>2017</b> , 9, 105-122	4.4	33
31	Effect of fatty and lean fish intake on lipoprotein subclasses in subjects with coronary heart disease: a controlled trial. <i>Journal of Clinical Lipidology</i> , <b>2014</b> , 8, 126-33	4.9	32
30	VGLL3 operates via TEAD1, TEAD3 and TEAD4 to influence myogenesis in skeletal muscle. <i>Journal of Cell Science</i> , <b>2019</b> , 132,	5.3	29
29	Diabetes medication associates with DNA methylation of metformin transporter genes in the human liver. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 102	7.7	28

28	The Hippo effector TAZ (WWTR1) transforms myoblasts and TAZ abundance is associated with reduced survival in embryonal rhabdomyosarcoma. <i>Journal of Pathology</i> , <b>2016</b> , 240, 3-14	9.4	27
27	Sex Differences in the Methylome and Transcriptome of the Human Liver and Circulating HDL-Cholesterol Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 4395-4408	5.6	26
26	Camelina Sativa Oil, but not Fatty Fish or Lean Fish, Improves Serum Lipid Profile in Subjects with Impaired Glucose Metabolism-A Randomized Controlled Trial. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700503	5.9	22
25	Reduction in cardiometabolic risk factors by a multifunctional diet is mediated via several branches of metabolism as evidenced by nontargeted metabolite profiling approach. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600552	5.9	21
24	The effect of different sources of fish and camelina sativa oil on immune cell and adipose tissue mRNA expression in subjects with abnormal fasting glucose metabolism: a randomized controlled trial. <i>Nutrition and Diabetes</i> , <b>2019</b> , 9, 1	4.7	18
23	Gene-diet interaction of a common FADS1 variant with marine polyunsaturated fatty acids for fatty acid composition in plasma and erythrocytes among men. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 381-9	5.9	17
22	Effects of a healthy Nordic diet on gene expression changes in peripheral blood mononuclear cells in response to an oral glucose tolerance test in subjects with metabolic syndrome: a SYSDIET sub-study. <i>Genes and Nutrition</i> , <b>2016</b> , 11, 3	4.3	16
21	Cross-sectional associations of food consumption with plasma fatty acid composition and estimated desaturase activities in Finnish children. <i>Lipids</i> , <b>2014</b> , 49, 467-79	1.6	16
20	Liver DNA methylation of FADS2 associates with FADS2 genotype. <i>Clinical Epigenetics</i> , <b>2019</b> , 11, 10	7.7	12
19	n-3 Fatty Acid Biomarkers and Incident Type 2 Diabetes: An Individual Participant-Level Pooling Project of 20 Prospective Cohort Studies. <i>Diabetes Care</i> , <b>2021</b> , 44, 1133-1142	14.6	12
18	Markers of cholesterol metabolism as biomarkers in predicting diabetes in the Finnish Diabetes Prevention Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2015</b> , 25, 635-42	4.5	11
17	Cross-sectional associations of plasma fatty acid composition and estimated desaturase and elongase activities with cardiometabolic risk in Finnish children--The PANIC study. <i>Journal of Clinical Lipidology</i> , <b>2016</b> , 10, 82-91	4.9	11
16	Intake of Camelina Sativa Oil and Fatty Fish Alter the Plasma Lipid Mediator Profile in Subjects with Impaired Glucose Metabolism - A Randomized Controlled Trial. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2020</b> , 159, 102143	2.8	10
15	Intake of Fatty Fish Alters the Size and the Concentration of Lipid Components of HDL Particles and Camelina Sativa Oil Decreases IDL Particle Concentration in Subjects with Impaired Glucose Metabolism. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, e1701042	5.9	9
14	An Isocaloric Nordic Diet Modulates and Gene Expression in Peripheral Blood Mononuclear Cells in Individuals with Metabolic Syndrome-A SYSDIET Sub-Study. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	9
13	The effect of intakes of fish and Camelina sativa oil on atherogenic and anti-atherogenic functions of LDL and HDL particles: A randomized controlled trial. <i>Atherosclerosis</i> , <b>2019</b> , 281, 56-61	3.1	8
12	Healthy Nordic Diet Modulates the Expression of Genes Related to Mitochondrial Function and Immune Response in Peripheral Blood Mononuclear Cells from Subjects with Metabolic Syndrome-A SYSDIET Sub-Study. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1801405	5.9	8
11	Serum aromatic and branched-chain amino acids associated with NASH demonstrate divergent associations with serum lipids. <i>Liver International</i> , <b>2021</b> , 41, 754-763	7.9	8

10	Serum adiponectin/Ferritin ratio in relation to the risk of type 2 diabetes and insulin sensitivity. <i>Diabetes Research and Clinical Practice</i> , <b>2018</b> , 141, 264-274	7.4	7
9	Indole-3-Propionic Acid, a Gut-Derived Tryptophan Metabolite, Associates with Hepatic Fibrosis. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	6
8	The effect of camelina sativa oil and fish intakes on fatty acid compositions of blood lipid fractions. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2019</b> , 29, 51-61	4.5	6
7	Camelina sativa Oil, Fatty Fish, and Lean Fish Do Not Markedly Affect Urinary Prostanoids in Subjects with Impaired Glucose Metabolism. <i>Lipids</i> , <b>2019</b> , 54, 453-464	1.6	5
6	Cost-Effectiveness of Passion Fruit Albedo versus Turmeric in the Glycemic and Lipaemic Control of People with Type 2 Diabetes: Randomized Clinical Trial. <i>Journal of the American College of Nutrition</i> , <b>2021</b> , 40, 679-688	3.5	5
5	The FADS1 Genotype Modifies Metabolic Responses to the Linoleic Acid and Alpha-linolenic Acid Containing Plant Oils-Genotype Based Randomized Trial FADSDIET2. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2001004	5.9	5
4	Total liver phosphatidylcholine content associates with non-alcoholic steatohepatitis and glycine N-methyltransferase expression. <i>Liver International</i> , <b>2019</b> , 39, 1895-1905	7.9	3
3	Genetic association and characterization of FSTL5 in isolated clubfoot. <i>Human Molecular Genetics</i> , <b>2021</b> , 29, 3717-3728	5.6	1
2	Consumption of caffeinated and decaffeinated coffee enriched with cocoa and fructo-oligosaccharides among non-diabetic persons: Double blind randomized clinical trial.. <i>Journal of Food Biochemistry</i> , <b>2022</b> , e14081	3.3	0
1	Interaction of Diet/Lifestyle Intervention and TCF7L2 Genotype on Glycemic Control and Adiposity among Overweight or Obese Adults: Big Data from Seven Randomized Controlled Trials Worldwide. <i>Health Data Science</i> , <b>2021</b> , 2021, 1-10		