

# Daiva Elena Nielsen

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,324  
citations

394286

19  
h-index

377752

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Profiling of Plasma Fatty Acid Concentrations in Young Healthy Canadian Adults. PLoS ONE, 2015, 10, e0116195.	1.1	250
2	Polymorphisms in FADS1 and FADS2 alter desaturase activity in young Caucasian and Asian adults. Molecular Genetics and Metabolism, 2011, 103, 171-178.	0.5	122
3	Disclosure of Genetic Information and Change in Dietary Intake: A Randomized Controlled Trial. PLoS ONE, 2014, 9, e112665.	1.1	103
4	Genetic Variation in Putative Salt Taste Receptors and Salt Taste Perception in Humans. Chemical Senses, 2013, 38, 137-145.	1.1	81
5	A randomized trial of genetic information for personalized nutrition. Genes and Nutrition, 2012, 7, 559-566.	1.2	76
6	Variation in the <i>TAS1R2</i> Gene, Sweet Taste Perception and Intake of Sugars. Journal of Nutrigenetics and Nutrigenomics, 2015, 8, 81-90.	1.8	76
7	Association of <i>GLUT2</i> and <i>TAS1R2</i> Genotypes with Risk for Dental Caries. Caries Research, 2013, 47, 219-225.	0.9	63
8	Plasma Levels of 14:0, 16:0, 16:1n-7, and 20:3n-6 are Positively Associated, but 18:0 and 18:2n-6 are Inversely Associated with Markers of Inflammation in Young Healthy Adults. Lipids, 2014, 49, 255-263.	0.7	56
9	Dietary patterns and ethnicity are associated with distinct plasma proteomic groups. American Journal of Clinical Nutrition, 2012, 95, 352-361.	2.2	54
10	Personal Genome Sequencing in Ostensibly Healthy Individuals and the PeopleSeq Consortium. Journal of Personalized Medicine, 2016, 6, 14.	1.1	44
11	Enzymatic activity and genetic variation in SCD1 modulate the relationship between fatty acids and inflammation. Molecular Genetics and Metabolism, 2012, 105, 421-427.	0.5	42
12	Predispositional genome sequencing in healthy adults: design, participant characteristics, and early outcomes of the PeopleSeq Consortium. Genome Medicine, 2019, 11, 10.	3.6	41
13	Perceptions of Genetic Testing for Personalized Nutrition: A Randomized Trial of DNA-Based Dietary Advice. Journal of Nutrigenetics and Nutrigenomics, 2014, 7, 94-104.	1.8	35
14	Variation in the FADS1/2 gene cluster alters plasma n-6 PUFA and is weakly associated with hsCRP levels in healthy young adults. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 89, 257-263.	1.0	33
15	Ethnicity, sex, FADS genetic variation, and hormonal contraceptive use influence delta-5- and delta-6-desaturase indices and plasma docosahexaenoic acid concentration in young Canadian adults: a cross-sectional study. Nutrition and Metabolism, 2015, 12, 14.	1.3	33
16	Maternal Choline Status, but Not Fetal Genotype, Influences Cord Plasma Choline Metabolite Concentrations. Journal of Nutrition, 2015, 145, 1491-1497.	1.3	33
17	Diet and exercise changes following direct-to-consumer personal genomic testing. BMC Medical Genomics, 2017, 10, 24.	0.7	25
18	Racial minority group interest in direct-to-consumer genetic testing: findings from the PGen study. Journal of Community Genetics, 2017, 8, 293-301.	0.5	22

#	ARTICLE	IF	CITATIONS
19	ABO Genotype, "Blood-Type" Diet and Cardiometabolic Risk Factors. PLoS ONE, 2014, 9, e84749.	1.1	20
20	Guiding Global Best Practice in Personalized Nutrition Based on Genetics: The Development of a Nutrigenomics Care Map. Journal of the Academy of Nutrition and Dietetics, 2022, 122, 259-269.	0.4	18
21	Plasma concentration of cis 9trans 11 CLA in males and females is influenced by SCD1 genetic variations and hormonal contraceptives: a cross-sectional study. Nutrition and Metabolism, 2013, 10, 50.	1.3	16
22	Ethnic- and sex-specific associations between plasma fatty acids and markers of insulin resistance in healthy young adults. Nutrition and Metabolism, 2013, 10, 42.	1.3	15
23	Applying genomics to nutrition and lifestyle modification. Personalized Medicine, 2012, 9, 739-749.	0.8	13
24	Diet Quality and Food Prices Modify Associations between Genetic Susceptibility to Obesity and Adiposity Outcomes. Nutrients, 2020, 12, 3349.	1.7	7
25	Longitudinal Patterns of Food Procurement Over the Course of the COVID-19 Pandemic: Findings From a Canadian Online Household Survey. Frontiers in Public Health, 2021, 9, 752204.	1.3	7
26	Interaction of <i>DRD2/ANKK1</i> Taq1A Genotype with in-Store Retail Food Environment Exposures on Diet Quality in a Cohort of Quebec Adults. Lifestyle Genomics, 2020, 13, 74-83.	0.6	6
27	Common variants in the CD36 gene are associated with dietary fat intake, high-fat food consumption and serum triglycerides in a cohort of Quebec adults. International Journal of Obesity, 2021, 45, 1193-1202.	1.6	6
28	Multiscale Risk Factors of Cardiovascular Disease: CLSA Analysis of Genetic and Psychosocial Factors. Frontiers in Cardiovascular Medicine, 2021, 8, 599671.	1.1	5
29	Healthcare Professional Clinical Actions following Nutrigenomics Testing in Practice. Public Health Genomics, 2020, 23, 237-245.	0.6	4
30	Circulating concentrations and relative percent composition of trans fatty acids in healthy Canadian young adults between 2004 and 2010: a cross-sectional study. CMAJ Open, 2017, 5, E130-E136.	1.1	3
31	Deep learning transcriptomic model for prediction of pan-drug chemotherapeutic sensitivity. STEM Fellowship Journal, 2021, 7, 40-53.	0.5	3
32	Authors' Response. Journal of the Academy of Nutrition and Dietetics, 2021, 121, 1216-1217.	0.4	2
33	ABO Genotype Does Not Modify the Association between the "Blood-Type" Diet and Biomarkers of Cardiometabolic Disease in Overweight Adults. Journal of Nutrition, 2018, 148, 518-525.	1.3	1
34	Further discussion of community- and population-level strategies. Cmaj, 2020, 192, E1101-E1101.	0.9	0
35	Changes in Food Group and Nutrient Intakes Following a DNA-based Dietary Advice Intervention for Sodium Intake. FASEB Journal, 2015, 29, LB307.	0.2	0
36	Adherence to a caloric budget and body weight change vary by season, gender, and BMI: an observational study of daily users of a mobile health app. Obesity Science and Practice, 0, .	1.0	0