

M-C Vohl

List of Publications by Year in Descending Order

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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.

304
papers

15,737
citations

50
h-index

118
g-index

334
ext. papers

18,602
ext. citations

5.4
avg, IF

5.83
L-index

#	Paper	IF	Citations
304	Towards a Standardized Definition of Medical Nutrition Therapy and Regulatory Reform in Canada.. <i>Canadian Journal of Dietetic Practice and Research</i> , 2022 , 1-6	1.3	0
303	Raspberry consumption: identification of distinct immune-metabolic response profiles by whole blood transcriptome profiling.. <i>Journal of Nutritional Biochemistry</i> , 2022 , 108946	6.3	0
302	Nutrigenetics, omega-3 and plasma lipids/lipoproteins/apolipoproteins with evidence evaluation using the GRADE approach: a systematic review.. <i>BMJ Open</i> , 2022 , 12, e054417	3	2
301	Are Machine Learning Algorithms More Accurate in Predicting Vegetable and Fruit Consumption Than Traditional Statistical Models? An Exploratory Analysis.. <i>Frontiers in Nutrition</i> , 2022 , 9, 740898	6.2	1
300	Changes in systolic blood pressure, postprandial glucose, and gut microbial composition following mango consumption in individuals with overweight and obesity.. <i>Applied Physiology, Nutrition and Metabolism</i> , 2022 , 1-10	3	0
299	Mendelian Randomization Analysis Identifies Blood Tyrosine Levels as a Biomarker of Non-Alcoholic Fatty Liver Disease. <i>Metabolites</i> , 2022 , 12, 440	5.6	2
298	GWAS and GWAIS for Identifying Connections Between Genetics, Nutrition, and Health: The Example of Omega-3 and Plasma Triglycerides. <i>Biomarkers in Disease</i> , 2022 , 1-16		
297	A Systematic Review and Recommendations Around Frameworks for Evaluating Scientific Validity in Nutritional Genomics.. <i>Frontiers in Nutrition</i> , 2021 , 8, 789215	6.2	0
296	Electronic health record-based genome-wide meta-analysis provides insights on the genetic architecture of non-alcoholic fatty liver disease. <i>Cell Reports Medicine</i> , 2021 , 2, 100437	18	4
295	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 ,	3.9	8
294	Cholecalciferol Supplementation Does Not Prevent the Development of Metabolic Syndrome or Enhance the Beneficial Effects of Omega-3 Fatty Acids in Obese Mice. <i>Journal of Nutrition</i> , 2021 , 151, 1175-1189	4.1	3
293	An 8-week freeze-dried blueberry supplement impacts immune-related pathways: a randomized, double-blind placebo-controlled trial. <i>Genes and Nutrition</i> , 2021 , 16, 7	4.3	0
292	Electronic Health Record-Based Genome-Wide Meta-Analysis Identifies New Susceptibility Loci for Non-Alcoholic Fatty Liver Disease. <i>Journal of the Endocrine Society</i> , 2021 , 5, A501-A501	0.4	0
291	Genome-Wide Meta-Analysis and Mendelian Randomization Identify Early Biomarkers of Non-Alcoholic Fatty Liver Disease. <i>Journal of the Endocrine Society</i> , 2021 , 5, A315-A315	0.4	78
290	AKR1C2 and AKR1C3 expression in adipose tissue: Association with body fat distribution and regulatory variants. <i>Molecular and Cellular Endocrinology</i> , 2021 , 527, 111220	4.4	2
289	Associations Between Nutrition Knowledge and Overall Diet Quality: The Moderating Role of Sociodemographic Characteristics-Results From the PREDISE Study. <i>American Journal of Health Promotion</i> , 2021 , 35, 38-47	2.5	2
288	Liking for foods high in salt and fat is associated with a lower diet quality but liking for foods high in sugar is not [Results from the PREDISE study. <i>Food Quality and Preference</i> , 2021 , 88, 104073	5.8	

287	Identification of Phenotypic Lipidomic Signatures in Response to Long Chain n-3 Polyunsaturated Fatty Acid Supplementation in Humans. <i>Journal of the American Heart Association</i> , 2021 , 10, e018126	6	2
286	Associations of Intake of Free and Naturally Occurring Sugars from Solid Foods and Drinks with Cardiometabolic Risk Factors in a Quebec Adult Population: The PREDISE (PRÉdicteurs Individuels, Sociaux et Environnementaux) Study. <i>Journal of Nutrition</i> , 2021 , 151, 1561-1571	4.1	2
285	Authors' Response. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2021 , 121, 1216-1217	3.9	2
284	Salmon peptides limit obesity-associated metabolic disorders by modulating a gut-liver axis in vitamin D-deficient mice. <i>Obesity</i> , 2021 , 29, 1635-1649	8	0
283	Individuals with self-determined motivation for eating have better overall diet quality: Results from the PREDISE study. <i>Appetite</i> , 2021 , 165, 105426	4.5	0
282	Clinical Practice Guidelines Using GRADE and AGREE II for the Impact of Genetic Variants on Plasma Lipid/Lipoprotein/Apolipoprotein Responsiveness to Omega-3 Fatty Acids. <i>Frontiers in Nutrition</i> , 2021 , 8, 768474	6.2	1
281	Exploring Attitudes, Subjective Norms and Perceived Behavioural Control in a Genetic-Based and a Population-Based Weight Management Intervention: A One-Year Randomized Controlled Trial. <i>Nutrients</i> , 2020 , 12,	6.7	3
280	Genetic risk prediction of the plasma triglyceride response to independent supplementations with eicosapentaenoic and docosahexaenoic acids: the ComparED Study. <i>Genes and Nutrition</i> , 2020 , 15, 10	4.3	4
279	Single-cell analysis of human adipose tissue identifies depot and disease specific cell types. <i>Nature Metabolism</i> , 2020 , 2, 97-109	14.6	88
278	Integrative Network Analysis of Multi-Omics Data in the Link between Plasma Carotenoid Concentrations and Lipid Profile. <i>Lifestyle Genomics</i> , 2020 , 13, 11-19	2	2
277	Prevention of Potential Adverse Metabolic Effects of a Supplementation with Omega-3 Fatty Acids Using a Genetic Score Approach. <i>Lifestyle Genomics</i> , 2020 , 13, 32-42	2	3
276	Response to the Consensus Report of the Academy of Nutrition and Dietetics: Incorporating Genetic Testing into Nutrition Care. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020 , 120, 1959-1960	3.9	2
275	Animal and Cellular Studies Demonstrate Some of the Beneficial Impacts of Herring Milt Hydrolysates on Obesity-Induced Glucose Intolerance and Inflammation. <i>Nutrients</i> , 2020 , 12,	6.7	4
274	Effects of Daily Raspberry Consumption on Immune-Metabolic Health in Subjects at Risk of Metabolic Syndrome: A Randomized Controlled Trial. <i>Nutrients</i> , 2020 , 12,	6.7	7
273	Biological plausibility for interactions between dietary fat, resveratrol, and SARS-CoV illness severity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E830-E833	6	42
272	Circulating glutamate level as a potential biomarker for abdominal obesity and metabolic risk. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 1353-1360	4.5	17
271	Associations Between Dietary Protein Sources, Plasma BCAA and Short-Chain Acylcarnitine Levels in Adults. <i>Nutrients</i> , 2019 , 11,	6.7	23
270	Assessment of the American Heart Association's "Life's simple 7" score in French-speaking adults from Québec. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 684-691	4.5	3

269	Network Analysis of the Potential Role of DNA Methylation in the Relationship between Plasma Carotenoids and Lipid Profile. <i>Nutrients</i> , 2019 , 11,	6.7	8
268	Weighted gene co-expression network analysis to explain the relationship between plasma total carotenoids and lipid profile. <i>Genes and Nutrition</i> , 2019 , 14, 16	4.3	7
267	Acute Effects of Single Doses of Bonito Fish Peptides and Vitamin D on Whole Blood Gene Expression Levels: A Randomized Controlled Trial. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
266	Current knowledge and interest of French Canadians regarding nutrigenetics. <i>Genes and Nutrition</i> , 2019 , 14, 5	4.3	7
265	Dissecting features of epigenetic variants underlying cardiometabolic risk using full-resolution epigenome profiling in regulatory elements. <i>Nature Communications</i> , 2019 , 10, 1209	17.4	9
264	Genetic Risk Score Predictive of the Plasma Triglyceride Response to an Omega-3 Fatty Acid Supplementation in a Mexican Population. <i>Nutrients</i> , 2019 , 11,	6.7	5
263	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. <i>Molecular Psychiatry</i> , 2019 , 24, 1920-1932	15.1	30
262	Associations between self-reported vegetable and fruit intake assessed with a new web-based 24-h dietary recall and serum carotenoids in free-living adults: a relative validation study. <i>Journal of Nutritional Science</i> , 2019 , 8, e26	2.7	6
261	Consumption of low nutritive value foods and cardiometabolic risk factors among French-speaking adults from Quebec, Canada: the PREDISE study. <i>Nutrition Journal</i> , 2019 , 18, 49	4.3	7
260	The Challenge of Stratifying Obesity: Attempts in the Quebec Family Study. <i>Frontiers in Genetics</i> , 2019 , 10, 994	4.5	1
259	Effects of 6-month vitamin D supplementation on insulin sensitivity and secretion: a randomised, placebo-controlled trial. <i>European Journal of Endocrinology</i> , 2019 , 181, 287-299	6.5	32
258	Intakes of Total, Free, and Naturally Occurring Sugars in the French-Speaking Adult Population of the Province of Québec, Canada: The PREDISE Study. <i>Nutrients</i> , 2019 , 11,	6.7	4
257	Social Support, but Not Perceived Food Environment, Is Associated with Diet Quality in French-Speaking Canadians from the PREDISE Study. <i>Nutrients</i> , 2019 , 11,	6.7	7
256	Body mass index is associated with epigenetic age acceleration in the visceral adipose tissue of subjects with severe obesity. <i>Clinical Epigenetics</i> , 2019 , 11, 172	7.7	14
255	Correlates of the difference in plasma carotenoid concentrations between men and women. <i>British Journal of Nutrition</i> , 2019 , 121, 172-181	3.6	10
254	Fine mapping of genome-wide association study signals to identify genetic markers of the plasma triglyceride response to an omega-3 fatty acid supplementation. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 176-185	7	17
253	Familial resemblances in human plasma metabolites are attributable to both genetic and common environmental effects. <i>Nutrition Research</i> , 2019 , 61, 22-30	4	9
252	Familial resemblances in human whole blood transcriptome. <i>BMC Genomics</i> , 2018 , 19, 300	4.5	4

251	Supplementation with Resveratrol and Curcumin Does Not Affect the Inflammatory Response to a High-Fat Meal in Older Adults with Abdominal Obesity: A Randomized, Placebo-Controlled Crossover Trial. <i>Journal of Nutrition</i> , 2018 , 148, 379-388	4.1	23
250	Yogurt consumption, body composition, and metabolic health in the Qubec Family Study. <i>European Journal of Nutrition</i> , 2018 , 57, 1591-1603	5.2	13
249	N-3 Polyunsaturated Fatty Acids Stimulate Bile Acid Detoxification in Human Cell Models. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2018 , 2018, 6031074	2.8	6
248	Polygenic risk score for predicting weight loss after bariatric surgery. <i>JCI Insight</i> , 2018 , 3,	9.9	16
247	A common variant in ARHGEF10 alters delta-6 desaturase activity and influence susceptibility to hypertriglyceridemia. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 311-320.e3	4.9	8
246	Nutrigenetic Testing for Personalized Nutrition: An Evaluation of Public Perceptions, Attitudes, and Concerns in a Population of French Canadians. <i>Lifestyle Genomics</i> , 2018 , 11, 155-162	2	10
245	Poor Adherence to Dietary Guidelines Among French-Speaking Adults in the Province of Quebec, Canada: The PREDISE Study. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 1665-1673	3.8	19
244	Genetic and Common Environmental Contributions to Familial Resemblances in Plasma Carotenoid Concentrations in Healthy Families. <i>Nutrients</i> , 2018 , 10,	6.7	6
243	Social support for healthy eating: development and validation of a questionnaire for the French-Canadian population. <i>Public Health Nutrition</i> , 2018 , 21, 2360-2366	3.3	5
242	Functional variation in allelic methylomes underscores a strong genetic contribution and reveals novel epigenetic alterations in the human epigenome. <i>Genome Biology</i> , 2017 , 18, 50	18.3	57
241	Genetic regulation of differentially methylated genes in visceral adipose tissue of severely obese men discordant for the metabolic syndrome. <i>Translational Research</i> , 2017 , 184, 1-11.e2	11	13
240	Effect of different concentrations of omega-3 fatty acids on stimulated THP-1 macrophages. <i>Genes and Nutrition</i> , 2017 , 12, 7	4.3	10
239	Epigenetic changes in blood leukocytes following an omega-3 fatty acid supplementation. <i>Clinical Epigenetics</i> , 2017 , 9, 43	7.7	57
238	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017 , 8, 14977	17.4	105
237	Remodeling adipose tissue through in silico modulation of fat storage for the prevention of type 2 diabetes. <i>BMC Systems Biology</i> , 2017 , 11, 60	3.5	4
236	Ethical considerations in the implementation of nutrigenetics/nutrigenomics. <i>Personalized Medicine</i> , 2017 , 14, 75-83	2.2	6
235	Development and validation of a nutrition knowledge questionnaire for a Canadian population. <i>Public Health Nutrition</i> , 2017 , 20, 1184-1192	3.3	23
234	Dairy Product Consumption Interacts with Glucokinase (GCK) Gene Polymorphisms Associated with Insulin Resistance. <i>Journal of Personalized Medicine</i> , 2017 , 7,	3.6	6

233	Genome-Wide Association Study of Dietary Pattern Scores. <i>Nutrients</i> , 2017 , 9,	6.7	8
232	Plasma Triglyceride Levels May Be Modulated by Gene Expression of IQCJ, NXP1, PHF17 and MYB in Humans. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	13
231	Polymorphisms in FFAR4 (GPR120) Gene Modulate Insulin Levels and Sensitivity after Fish Oil Supplementation. <i>Journal of Personalized Medicine</i> , 2017 , 7,	3.6	10
230	A Study of the Differential Effects of Eicosapentaenoic Acid (EPA) and Docosahexaenoic Acid (DHA) on Gene Expression Profiles of Stimulated Thp-1 Macrophages. <i>Nutrients</i> , 2017 , 9,	6.7	20
229	Development and Validation of the Food Liking Questionnaire in a French-Canadian Population. <i>Nutrients</i> , 2017 , 9,	6.7	10
228	Precision Nutrition: A Review of Personalized Nutritional Approaches for the Prevention and Management of Metabolic Syndrome. <i>Nutrients</i> , 2017 , 9,	6.7	177
227	Temporal Changes in Gene Expression Profile during Mature Adipocyte Dedifferentiation. <i>International Journal of Genomics</i> , 2017 , 2017, 5149362	2.5	6
226	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
225	Association between yogurt consumption, dietary patterns, and cardio-metabolic risk factors. <i>European Journal of Nutrition</i> , 2016 , 55, 577-587	5.2	38
224	Carotenoids as biomarkers of fruit and vegetable intake in men and women. <i>British Journal of Nutrition</i> , 2016 , 116, 1206-1215	3.6	32
223	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016 , 7, 13357	17.4	46
222	Familial resemblances in blood leukocyte DNA methylation levels. <i>Epigenetics</i> , 2016 , 11, 831-838	5.7	9
221	Methylation quantitative trait loci within the TOMM20 gene are associated with metabolic syndrome-related lipid alterations in severely obese subjects. <i>Diabetology and Metabolic Syndrome</i> , 2016 , 8, 55	5.6	8
220	Effect of n-3 fatty acids on the expression of inflammatory genes in THP-1 macrophages. <i>Lipids in Health and Disease</i> , 2016 , 15, 69	4.4	58
219	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
218	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016 , 7, 10494	17.4	107
217	Factors Associated with the Intention of Registered Dietitians to Discuss Nutrigenetics with their Patients/Clients. <i>Canadian Journal of Dietetic Practice and Research</i> , 2016 , 77, 163-169	1.3	3
216	Expression and Sequence Variants of Inflammatory Genes; Effects on Plasma Inflammation Biomarkers Following a 6-Week Supplementation with Fish Oil. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 375	6.3	17

215	Association between Metabolite Profiles, Metabolic Syndrome and Obesity Status. <i>Nutrients</i> , 2016 , 8,	6.7	27
214	Novel Genetic Loci Associated with the Plasma Triglyceride Response to an Omega-3 Fatty Acid Supplementation. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2016 , 9, 1-11		17
213	A GWAS follow-up of obesity-related SNPs in SYPL2 reveals sex-specific association with hip circumference. <i>Obesity Science and Practice</i> , 2016 , 2, 407-414	2.6	2
212	A CpG-SNP Located within the ARPC3 Gene Promoter Is Associated with Hypertriglyceridemia in Severely Obese Patients. <i>Annals of Nutrition and Metabolism</i> , 2016 , 68, 203-12	4.5	9
211	Docosahexaenoic acid-enriched canola oil increases adiponectin concentrations: a randomized crossover controlled intervention trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 52-9	4.5	21
210	Interaction between Common Genetic Variants and Total Fat Intake on Low-Density Lipoprotein Peak Particle Diameter: A Genome-Wide Association Study. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2015 , 8, 44-53		14
209	An explained variance-based genetic risk score associated with gestational diabetes antecedent and with progression to pre-diabetes and type 2 diabetes: a cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015 , 122, 411-9	3.7	19
208	Association between polymorphisms in phospholipase A2 genes and the plasma triglyceride response to an n-3 PUFA supplementation: a clinical trial. <i>Lipids in Health and Disease</i> , 2015 , 14, 12	4.4	22
207	Impact of systemic enzyme supplementation on low-grade inflammation in humans. <i>PharmaNutrition</i> , 2015 , 3, 83-88	2.9	2
206	Leptin and adiponectin DNA methylation levels in adipose tissues and blood cells are associated with BMI, waist girth and LDL-cholesterol levels in severely obese men and women. <i>BMC Medical Genetics</i> , 2015 , 16, 29	2.1	70
205	Modulation of C-reactive protein and plasma omega-6 fatty acid levels by phospholipase A2 gene polymorphisms following a 6-week supplementation with fish oil. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015 , 102-103, 37-45	2.8	4
204	Novel loci associated with usual sleep duration: the CHARGE Consortium Genome-Wide Association Study. <i>Molecular Psychiatry</i> , 2015 , 20, 1232-9	15.1	76
203	Estimating genetic effect sizes under joint disease-endophenotype models in presence of gene-environment interactions. <i>Frontiers in Genetics</i> , 2015 , 6, 248	4.5	4
202	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
201	Characterization of functional methylomes by next-generation capture sequencing identifies novel disease-associated variants. <i>Nature Communications</i> , 2015 , 6, 7211	17.4	66
200	Natural Rumen-Derived trans Fatty Acids Are Associated with Metabolic Markers of Cardiac Health. <i>Lipids</i> , 2015 , 50, 873-82	1.6	25
199	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
198	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687

197	Influences of gestational obesity on associations between genotypes and gene expression levels in offspring following maternal gastrointestinal bypass surgery for obesity. <i>PLoS ONE</i> , 2015 , 10, e0117011	3.7	4
196	Effect of the Mediterranean diet on the lipid-lipoprotein profile: is it influenced by the family history of dyslipidemia?. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2014 , 7, 177-87		1
195	Nutrigenomics - perspectives from registered dietitians: a report from the Quebec-wide e-consultation on nutrigenomics among registered dietitians. <i>Journal of Human Nutrition and Dietetics</i> , 2014 , 27, 391-400	3.1	29
194	Risks of nutrigenomics and nutrigenetics? What the scientists say. <i>Genes and Nutrition</i> , 2014 , 9, 370	4.3	23
193	ADRB3 gene promoter DNA methylation in blood and visceral adipose tissue is associated with metabolic disturbances in men. <i>Epigenomics</i> , 2014 , 6, 33-43	4.4	30
192	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
191	An interaction effect between glucokinase gene variation and carbohydrate intakes modulates the plasma triglyceride response to a fish oil supplementation. <i>Genes and Nutrition</i> , 2014 , 9, 395	4.3	5
190	Gene-diet interactions with polymorphisms of the MGLL gene on plasma low-density lipoprotein cholesterol and size following an omega-3 polyunsaturated fatty acid supplementation: a clinical trial. <i>Lipids in Health and Disease</i> , 2014 , 13, 86	4.4	9
189	Polymorphisms in genes involved in fatty acid oxidation interact with dietary fat intakes to modulate the plasma TG response to a fish oil supplementation. <i>Nutrients</i> , 2014 , 6, 1145-63	6.7	16
188	Cross-tissue comparisons of leptin and adiponectin: DNA methylation profiles. <i>Adipocyte</i> , 2014 , 3, 132-40	9.2	26
187	Dairy product consumption has no impact on biomarkers of inflammation among men and women with low-grade systemic inflammation. <i>Journal of Nutrition</i> , 2014 , 144, 1760-7	4.1	32
186	Kinetics of 13C-DHA before and during fish-oil supplementation in healthy older individuals. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 105-12	7	36
185	Differential methylation in visceral adipose tissue of obese men discordant for metabolic disturbances. <i>Physiological Genomics</i> , 2014 , 46, 216-22	3.6	35
184	Effects of FADS and ELOVL polymorphisms on indexes of desaturase and elongase activities: results from a pre-post fish oil supplementation. <i>Genes and Nutrition</i> , 2014 , 9, 437	4.3	35
183	Cardiometabolic risk factors are influenced by Stearoyl-CoA Desaturase (SCD)-1 gene polymorphisms and n-3 polyunsaturated fatty acid supplementation. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1079-86	5.9	19
182	SREBF1 gene variations modulate insulin sensitivity in response to a fish oil supplementation. <i>Lipids in Health and Disease</i> , 2014 , 13, 152	4.4	7
181	Associations between dairy intake and metabolic risk parameters in a healthy French-Canadian population. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 1323-31	3	15
180	Genome-wide association study of the plasma triglyceride response to an n-3 polyunsaturated fatty acid supplementation. <i>Journal of Lipid Research</i> , 2014 , 55, 1245-53	6.3	38

179	PPAR α Master Regulator of Bilirubin Homeostasis. <i>PPAR Research</i> , 2014 , 2014, 747014	4.3	10
178	Polymorphisms in the MGLL gene are associated with plasma LDL-C response to a marine n-3 PUFA supplementation (1038.1). <i>FASEB Journal</i> , 2014 , 28, 1038.1	0.9	
177	Omega-3 fatty acids, polymorphisms and lipid related cardiovascular disease risk factors in the Inuit population. <i>Nutrition and Metabolism</i> , 2013 , 10, 26	4.6	17
176	Comparison of the dipeptidyl peptidase-4 gene methylation levels between severely obese subjects with and without the metabolic syndrome. <i>Diabetology and Metabolic Syndrome</i> , 2013 , 5, 4	5.6	12
175	Associations between dietary patterns and gene expression profiles of healthy men and women: a cross-sectional study. <i>Nutrition Journal</i> , 2013 , 12, 24	4.3	50
174	Differences in metabolomic and transcriptomic profiles between responders and non-responders to an n-3 polyunsaturated fatty acids (PUFAs) supplementation. <i>Genes and Nutrition</i> , 2013 , 8, 411-23	4.3	31
173	Polymorphisms in genes involved in the triglyceride synthesis pathway and marine omega-3 polyunsaturated fatty acid supplementation modulate plasma triglyceride levels. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2013 , 6, 268-80		8
172	The metabolic signature associated with the Western dietary pattern: a cross-sectional study. <i>Nutrition Journal</i> , 2013 , 12, 158	4.3	59
171	Profiling serum bile acid glucuronides in humans: gender divergences, genetic determinants, and response to fenofibrate. <i>Clinical Pharmacology and Therapeutics</i> , 2013 , 94, 533-43	6.1	29
170	The genetic and metabolic determinants of cardiovascular complications in type 2 diabetes: recent insights from animal models and clinical investigations. <i>Canadian Journal of Diabetes</i> , 2013 , 37, 351-8	2.1	4
169	Transcriptomic profiles of skeletal muscle tissue following an euglycemic-hyperinsulinemic clamp in insulin-resistant obese subjects. <i>Genes and Nutrition</i> , 2013 , 8, 91-8	4.3	6
168	Association between plasma omega-3 fatty acids and cardiovascular disease risk factors. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013 , 38, 243-8	3	4
167	DNA methylation variations at CETP and LPL gene promoter loci: new molecular biomarkers associated with blood lipid profile variability. <i>Atherosclerosis</i> , 2013 , 228, 413-20	3.1	40
166	Transcriptomic and metabolomic signatures of an n-3 polyunsaturated fatty acids supplementation in a normolipidemic/normocholesterolemic Caucasian population. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 54-61	6.3	54
165	Effects of age, sex, body mass index and APOE genotype on cardiovascular biomarker response to an n-3 polyunsaturated fatty acid supplementation. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2013 , 6, 73-82		34
164	Disturbance in uniformly ¹³ C-labelled DHA metabolism in elderly human subjects carrying the apoE ϵ allele. <i>British Journal of Nutrition</i> , 2013 , 110, 1751-9	3.6	62
163	Polymorphisms, de novo lipogenesis, and plasma triglyceride response following fish oil supplementation. <i>Journal of Lipid Research</i> , 2013 , 54, 2866-73	6.3	15
162	DUSP1 Gene Polymorphisms Are Associated with Obesity-Related Metabolic Complications among Severely Obese Patients and Impact on Gene Methylation and Expression. <i>International Journal of Genomics</i> , 2013 , 2013, 609748	2.5	8

161	A variant in the LRRFIP1 gene is associated with adiposity and inflammation. <i>Obesity</i> , 2013 , 21, 185-92	8	21
160	Differential methylation in glucoregulatory genes of offspring born before vs. after maternal gastrointestinal bypass surgery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11439-44	11.5	162
159	Gene-diet interactions on plasma lipid levels in the Inuit population. <i>British Journal of Nutrition</i> , 2013 , 109, 953-61	3.6	48
158	Polymorphisms in Fatty Acid Desaturase (FADS) Gene Cluster: Effects on Glycemic Controls Following an Omega-3 Polyunsaturated Fatty Acids (PUFA) Supplementation. <i>Genes</i> , 2013 , 4, 485-98	4.2	19
157	Methylation and expression of immune and inflammatory genes in the offspring of bariatric bypass surgery patients. <i>Journal of Obesity</i> , 2013 , 2013, 492170	3.7	46
156	Interaction effects between n-3 polyunsaturated fatty acids and genetic variations in genes involved in de novo lipogenesis on plasma triglyceride levels. <i>FASEB Journal</i> , 2013 , 27, 222.1	0.9	
155	DUSP1 gene polymorphisms are associated with obesity-related metabolic complications and gene methylation levels in severely obese patients. <i>FASEB Journal</i> , 2013 , 27, 226.1	0.9	
154	Cardiometabolic risk factors are influenced by Stearoyl-CoA Desaturase-1 (SCD1) polymorphisms and n-3 polyunsaturated fatty acids supplementation. <i>FASEB Journal</i> , 2013 , 27, 640.10	0.9	
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