

M-C Vohl

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.

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 | Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206 | 50.4 | 2687 |
| 303 | The common PPARgamma Pro12Ala polymorphism is associated with decreased risk of type 2 diabetes. <i>Nature Genetics</i> , 2000 , 26, 76-80 | 36.3 | 1486 |
| 302 | 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 |
| 301 | New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196 | 50.4 | 920 |
| 300 | A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69 | 36.3 | 615 |
| 299 | A survey of genes differentially expressed in subcutaneous and visceral adipose tissue in men. <i>Obesity</i> , 2004 , 12, 1217-22 | | 245 |
| 298 | 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 |
| 297 | A survey of genetic and epigenetic variation affecting human gene expression. <i>Physiological Genomics</i> , 2004 , 16, 184-93 | 3.6 | 201 |
| 296 | Genetic variants of FTO influence adiposity, insulin sensitivity, leptin levels, and resting metabolic rate in the Quebec Family Study. <i>Diabetes</i> , 2008 , 57, 1147-50 | 0.9 | 184 |
| 295 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495 | 17.4 | 180 |
| 294 | Precision Nutrition: A Review of Personalized Nutritional Approaches for the Prevention and Management of Metabolic Syndrome. <i>Nutrients</i> , 2017 , 9, | 6.7 | 177 |
| 293 | Differential epigenomic and transcriptomic responses in subcutaneous adipose tissue between low and high responders to caloric restriction. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 309-20 | 7 | 171 |
| 292 | 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 |
| 291 | Abdominal visceral fat is associated with a BclI restriction fragment length polymorphism at the glucocorticoid receptor gene locus. <i>Obesity</i> , 1997 , 5, 186-92 | | 145 |
| 290 | The PPAR-gamma P12A polymorphism modulates the relationship between dietary fat intake and components of the metabolic syndrome: results from the QuBec Family Study. <i>Clinical Genetics</i> , 2003 , 63, 109-16 | 4 | 140 |
| 289 | Molecular scanning of the human PPAR β gene: association of the L162V mutation with hyperapobetalipoproteinemia. <i>Journal of Lipid Research</i> , 2000 , 41, 945-952 | 6.3 | 131 |
| 288 | 5Pflanking variants of resistin are associated with obesity. <i>Diabetes</i> , 2002 , 51, 1629-34 | 0.9 | 129 |

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| 287 | Glycerol: a neglected variable in metabolic processes?. <i>BioEssays</i> , 2001 , 23, 534-42 | 4.1 | 122 |
| 286 | Molecular scanning of the human PPAR α gene: association of the L162v mutation with hyperapobetalipoproteinemia. <i>Journal of Lipid Research</i> , 2000 , 41, 945-52 | 6.3 | 119 |
| 285 | Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016 , 7, 10494 | 17.4 | 107 |
| 284 | 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 |
| 283 | Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528 | 6 | 103 |
| 282 | Contribution of abdominal obesity and hypertriglyceridemia to impaired fasting glucose and coronary artery disease. <i>American Journal of Cardiology</i> , 2002 , 90, 15-8 | 3 | 97 |
| 281 | Association between the PPAR α -L162V polymorphism and components of the metabolic syndrome. <i>Journal of Human Genetics</i> , 2004 , 49, 482-489 | 4.3 | 92 |
| 280 | 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 |
| 279 | Plasma n-3 fatty acid response to an n-3 fatty acid supplement is modulated by apoE epsilon4 but not by the common PPAR- α L162V polymorphism in men. <i>British Journal of Nutrition</i> , 2009 , 102, 1123-4 | 3.6 | 85 |
| 278 | Association between insulin secretion, insulin sensitivity and type 2 diabetes susceptibility variants identified in genome-wide association studies. <i>Acta Diabetologica</i> , 2009 , 46, 217-26 | 3.9 | 81 |
| 277 | Relationships of abdominal obesity and hyperinsulinemia to angiographically assessed coronary artery disease in men with known mutations in the LDL receptor gene. <i>Circulation</i> , 1998 , 97, 871-7 | 16.7 | 81 |
| 276 | Relation of the "hypertriglyceridemic waist" phenotype to earlier manifestations of coronary artery disease in patients with glucose intolerance and type 2 diabetes mellitus. <i>American Journal of Cardiology</i> , 2007 , 99, 369-73 | 3 | 79 |
| 275 | Associations between dietary patterns and obesity phenotypes. <i>International Journal of Obesity</i> , 2009 , 33, 1419-26 | 5.5 | 78 |
| 274 | 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 |
| 273 | 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 |
| 272 | A novel lecithin-cholesterol acyltransferase antioxidant activity prevents the formation of oxidized lipids during lipoprotein oxidation. <i>Biochemistry</i> , 1999 , 38, 5976-81 | 3.2 | 73 |
| 271 | The interleukin 6-174G/C polymorphism is associated with indices of obesity in men. <i>Journal of Human Genetics</i> , 2003 , 48, 14-9 | 4.3 | 72 |
| 270 | 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 |

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| 269 | Neuromedin beta: a strong candidate gene linking eating behaviors and susceptibility to obesity. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1478-86 | 7 | 67 |
| 268 | Characterization of functional methylomes by next-generation capture sequencing identifies novel disease-associated variants. <i>Nature Communications</i> , 2015 , 6, 7211 | 17.4 | 66 |
| 267 | Common polymorphisms in the promoter of the visfatin gene (PBEF1) influence plasma insulin levels in a French-Canadian population. <i>Diabetes</i> , 2006 , 55, 2896-902 | 0.9 | 64 |
| 266 | Effect of apolipoprotein E, peroxisome proliferator-activated receptor alpha and lipoprotein lipase gene mutations on the ability of fenofibrate to improve lipid profiles and reach clinical guideline targets among hypertriglyceridemic patients. <i>Pharmacogenetics and Genomics</i> , 2002 , 12, 313-20 | | 63 |
| 265 | 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 |
| 264 | The metabolic signature associated with the Western dietary pattern: a cross-sectional study. <i>Nutrition Journal</i> , 2013 , 12, 158 | 4.3 | 59 |
| 263 | 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 |
| 262 | 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 |
| 261 | Epigenetic changes in blood leukocytes following an omega-3 fatty acid supplementation. <i>Clinical Epigenetics</i> , 2017 , 9, 43 | 7.7 | 57 |
| 260 | Effect of liver fatty acid binding protein (FABP) T94A missense mutation on plasma lipoprotein responsiveness to treatment with fenofibrate. <i>Journal of Human Genetics</i> , 2004 , 49, 424-432 | 4.3 | 57 |
| 259 | Genome-wide linkage scan reveals multiple susceptibility loci influencing lipid and lipoprotein levels in the Quebec Family Study. <i>Journal of Lipid Research</i> , 2004 , 45, 419-26 | 6.3 | 55 |
| 258 | 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 |
| 257 | Comparison of the effect of two low-density lipoprotein receptor class mutations on coronary heart disease among French-Canadian patients heterozygous for familial hypercholesterolaemia. <i>European Journal of Clinical Investigation</i> , 1997 , 27, 366-73 | 4.6 | 52 |
| 256 | LINE-1 methylation in visceral adipose tissue of severely obese individuals is associated with metabolic syndrome status and related phenotypes. <i>Clinical Epigenetics</i> , 2012 , 4, 10 | 7.7 | 51 |
| 255 | Influence of LDL receptor gene mutation and apo E polymorphism on lipoprotein response to simvastatin treatment among adolescents with heterozygous familial hypercholesterolemia. <i>Atherosclerosis</i> , 2002 , 160, 361-8 | 3.1 | 51 |
| 254 | 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 |
| 253 | ZFP36: a promising candidate gene for obesity-related metabolic complications identified by converging genomics. <i>Obesity Surgery</i> , 2007 , 17, 372-82 | 3.7 | 49 |
| 252 | Gene-diet interactions on plasma lipid levels in the Inuit population. <i>British Journal of Nutrition</i> , 2013 , 109, 953-61 | 3.6 | 48 |

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|-----|---|------|----|
| 251 | Glycerol as a correlate of impaired glucose tolerance: dissection of a complex system by use of a simple genetic trait. <i>American Journal of Human Genetics</i> , 2000 , 66, 1558-68 | 11 | 48 |
| 250 | 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 |
| 249 | 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 |
| 248 | DNA variation in the genes of the Na,K-adenosine triphosphatase and its relation with resting metabolic rate, respiratory quotient, and body fat. <i>Journal of Clinical Investigation</i> , 1994 , 93, 838-43 | 15.9 | 46 |
| 247 | The peroxisome proliferator-activated receptor alpha Leu162Val polymorphism influences the metabolic response to a dietary intervention altering fatty acid proportions in healthy men. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 523-30 | 7 | 45 |
| 246 | Contribution of receptor negative versus receptor defective mutations in the LDL-receptor gene to angiographically assessed coronary artery disease among young (25-49 years) versus middle-aged (50-64 years) men. <i>Atherosclerosis</i> , 1999 , 143, 153-61 | 3.1 | 44 |
| 245 | Association between polymorphisms in the fatty acid desaturase gene cluster and the plasma triacylglycerol response to an n-3 PUFA supplementation. <i>Nutrients</i> , 2012 , 4, 1026-41 | 6.7 | 43 |
| 244 | Validation of the use of peripheral blood mononuclear cells as surrogate model for skeletal muscle tissue in nutrigenomic studies. <i>OMICS A Journal of Integrative Biology</i> , 2011 , 15, 1-7 | 3.8 | 43 |
| 243 | The T111I mutation in the EL gene modulates the impact of dietary fat on the HDL profile in women. <i>Journal of Lipid Research</i> , 2003 , 44, 1902-8 | 6.3 | 43 |
| 242 | Contribution of the cholesteryl ester transfer protein gene TaqIB polymorphism to the reduced plasma HDL-cholesterol levels found in abdominal obese men with the features of the insulin resistance syndrome. <i>International Journal of Obesity</i> , 1999 , 23, 918-25 | 5.5 | 43 |
| 241 | ApoB-100 gene EcoRI polymorphism. Relations to plasma lipoprotein changes associated with abdominal visceral obesity. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1994 , 14, 527-33 | | 43 |
| 240 | Features of the metabolic syndrome are modulated by an interaction between the peroxisome proliferator-activated receptor-delta -87T>C polymorphism and dietary fat in French-Canadians. <i>International Journal of Obesity</i> , 2007 , 31, 411-7 | 5.5 | 42 |
| 239 | Plasma concentrations of apolipoprotein B are modulated by a gene--diet interaction effect between the LFABP T94A polymorphism and dietary fat intake in French-Canadian men. <i>Molecular Genetics and Metabolism</i> , 2004 , 82, 296-303 | 3.7 | 42 |
| 238 | 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 |
| 237 | 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 |
| 236 | Human resistin gene polymorphism is associated with visceral obesity and fasting and oral glucose stimulated C-peptide in the QuBec Family Study. <i>Journal of Endocrinological Investigation</i> , 2004 , 27, 1003-9 | 5.2 | 39 |
| 235 | The lipoprotein lipase HindIII polymorphism modulates plasma triglyceride levels in visceral obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995 , 15, 714-20 | 9.4 | 39 |
| 234 | Association between yogurt consumption, dietary patterns, and cardio-metabolic risk factors. <i>European Journal of Nutrition</i> , 2016 , 55, 577-587 | 5.2 | 38 |

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| 233 | 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 |
| 232 | DPP4 gene DNA methylation in the omentum is associated with its gene expression and plasma lipid profile in severe obesity. <i>Obesity</i> , 2011 , 19, 388-95 | 8 | 38 |
| 231 | Chylomicron retention disease: a long term study of two cohorts. <i>Molecular Genetics and Metabolism</i> , 2009 , 97, 136-42 | 3.7 | 37 |
| 230 | Moderators of the intention-behaviour and perceived behavioural control-behaviour relationships for leisure-time physical activity. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2008 , 5, 7 | 8.4 | 37 |
| 229 | Visceral obesity attenuates the effect of the hepatic lipase -514C>T polymorphism on plasma HDL-cholesterol levels in French-Canadian men. <i>Molecular Genetics and Metabolism</i> , 2003 , 78, 31-6 | 3.7 | 37 |
| 228 | Impact of adiponectin gene polymorphisms on plasma lipoprotein and adiponectin concentrations of viscerally obese men. <i>Journal of Lipid Research</i> , 2005 , 46, 237-44 | 6.3 | 37 |
| 227 | 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 |
| 226 | Differential methylation in visceral adipose tissue of obese men discordant for metabolic disturbances. <i>Physiological Genomics</i> , 2014 , 46, 216-22 | 3.6 | 35 |
| 225 | 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 |
| 224 | The effect of mere-measurement of cognitions on physical activity behavior: a randomized controlled trial among overweight and obese individuals. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2011 , 8, 2 | 8.4 | 35 |
| 223 | Evidence for a major quantitative trait locus on chromosome 17q21 affecting low-density lipoprotein peak particle diameter. <i>Circulation</i> , 2003 , 107, 2361-8 | 16.7 | 35 |
| 222 | Association between olfactory receptor genes, eating behavior traits and adiposity: results from the Quebec Family Study. <i>Physiology and Behavior</i> , 2012 , 105, 772-6 | 3.5 | 34 |
| 221 | 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 |
| 220 | Comprehensive genetic analysis of the dipeptidyl peptidase-4 gene and cardiovascular disease risk factors in obese individuals. <i>Acta Diabetologica</i> , 2009 , 46, 13-21 | 3.9 | 34 |
| 219 | Relative contribution of low-density lipoprotein receptor and lipoprotein lipase gene mutations to angiographically assessed coronary artery disease among French Canadians. <i>American Journal of Cardiology</i> , 1998 , 82, 299-305 | 3 | 34 |
| 218 | Genetics of LDL particle heterogeneity: from genetic epidemiology to DNA-based variations. <i>Journal of Lipid Research</i> , 2004 , 45, 1008-26 | 6.3 | 34 |
| 217 | Geographic distribution of French-Canadian low-density lipoprotein receptor gene mutations in the Province of Quebec. <i>Clinical Genetics</i> , 1997 , 52, 1-6 | 4 | 33 |
| 216 | Detection of a novel mutation (stop 468) in exon 10 of the low-density lipoprotein receptor gene causing familial hypercholesterolemia among French Canadians. <i>Human Molecular Genetics</i> , 1994 , 3, 1685-91 | 5.6 | 33 |

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| 215 | 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 |
| 214 | 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 |
| 213 | 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 |
| 212 | 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 |
| 211 | Influences of the PPAR alpha-L162V polymorphism on plasma HDL(2)-cholesterol response of abdominally obese men treated with gemfibrozil. <i>Genetics in Medicine</i> , 2002 , 4, 311-5 | 8.1 | 31 |
| 210 | Visceral obesity and hyperinsulinemia modulate the impact of the microsomal triglyceride transfer protein -493G/T polymorphism on plasma lipoprotein levels in men. <i>Atherosclerosis</i> , 2002 , 160, 317-24 | 3.1 | 31 |
| 209 | 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 |
| 208 | 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 |
| 207 | Effect of an oat bran-rich supplement on the metabolic profile of overweight premenopausal women. <i>Annals of Nutrition and Metabolism</i> , 2005 , 49, 141-8 | 4.5 | 30 |
| 206 | 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 |
| 205 | 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 |
| 204 | Hyperinsulinemia and abdominal obesity affect the expression of hypertriglyceridemia in heterozygous familial lipoprotein lipase deficiency. <i>Diabetes</i> , 1997 , 46, 2063-8 | 0.9 | 29 |
| 203 | Variants within the muscle and liver isoforms of the carnitine palmitoyltransferase I (CPT1) gene interact with fat intake to modulate indices of obesity in French-Canadians. <i>Journal of Molecular Medicine</i> , 2007 , 85, 129-37 | 5.5 | 28 |
| 202 | Fish nutrients decrease expression levels of tumor necrosis factor-alpha in cultured human macrophages. <i>Physiological Genomics</i> , 2010 , 40, 189-94 | 3.6 | 27 |
| 201 | Quantitative trait locus on 15q for a metabolic syndrome variable derived from factor analysis. <i>Obesity</i> , 2007 , 15, 544-50 | 8 | 27 |
| 200 | The lipoprotein/lipid profile is modulated by a gene-diet interaction effect between polymorphisms in the liver X receptor-alpha and dietary cholesterol intake in French-Canadians. <i>British Journal of Nutrition</i> , 2007 , 97, 11-8 | 3.6 | 27 |
| 199 | Association between Metabolite Profiles, Metabolic Syndrome and Obesity Status. <i>Nutrients</i> , 2016 , 8, | 6.7 | 27 |
| 198 | Cross-tissue comparisons of leptin and adiponectin: DNA methylation profiles. <i>Adipocyte</i> , 2014 , 3, 132-40. | 3.2 | 26 |

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| 197 | Association of OSBPL11 gene polymorphisms with cardiovascular disease risk factors in obesity. <i>Obesity</i> , 2009 , 17, 1466-72 | 8 | 26 |
| 196 | Natural Rumen-Derived trans Fatty Acids Are Associated with Metabolic Markers of Cardiac Health. <i>Lipids</i> , 2015 , 50, 873-82 | 1.6 | 25 |
| 195 | The peroxisome proliferator-activated receptor alpha L162V mutation is associated with reduced adiposity. <i>Obesity</i> , 2003 , 11, 809-16 | | 25 |
| 194 | Effect of implementation intentions to change behaviour: moderation by intention stability. <i>Psychological Reports</i> , 2010 , 106, 147-59 | 1.6 | 24 |
| 193 | Identification of three mutations in the low-density lipoprotein receptor gene causing familial hypercholesterolemia among French Canadians. <i>Human Mutation</i> , 1998 , Suppl 1, S226-31 | 4.7 | 24 |
| 192 | Compendium of genome-wide scans of lipid-related phenotypes: adding a new genome-wide search of apolipoprotein levels. <i>Journal of Lipid Research</i> , 2004 , 45, 2174-84 | 6.3 | 24 |
| 191 | Plasminogen-activator inhibitor-1 polymorphisms are associated with obesity and fat distribution in the Quebec Family Study: evidence of interactions with menopause. <i>Menopause</i> , 2005 , 12, 136-43 | 2.5 | 24 |
| 190 | Rapid restriction fragment analysis for screening four point mutations of the low-density lipoprotein receptor gene in French Canadians. <i>Human Mutation</i> , 1995 , 6, 243-6 | 4.7 | 24 |
| 189 | Development and validation of a nutrition knowledge questionnaire for a Canadian population. <i>Public Health Nutrition</i> , 2017 , 20, 1184-1192 | 3.3 | 23 |
| 188 | Associations Between Dietary Protein Sources, Plasma BCAA and Short-Chain Acylcarnitine Levels in Adults. <i>Nutrients</i> , 2019 , 11, | 6.7 | 23 |
| 187 | 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 |
| 186 | Risks of nutrigenomics and nutrigenetics? What the scientists say. <i>Genes and Nutrition</i> , 2014 , 9, 370 | 4.3 | 23 |
| 185 | Omega-3 fatty acids status in human subjects estimated using a food frequency questionnaire and plasma phospholipids levels. <i>Nutrition Journal</i> , 2012 , 11, 46 | 4.3 | 23 |
| 184 | Prediction of daily fruit and vegetable consumption among overweight and obese individuals. <i>Appetite</i> , 2010 , 54, 480-4 | 4.5 | 23 |
| 183 | Evidence of interaction between type 2 diabetes susceptibility genes and dietary fat intake for adiposity and glucose homeostasis-related phenotypes. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2009 , 2, 225-34 | | 23 |
| 182 | Visceral adipose tissue zinc finger protein 36 mRNA levels are correlated with insulin, insulin resistance index, and adiponectinemia in women. <i>European Journal of Endocrinology</i> , 2007 , 157, 451-7 | 6.5 | 23 |
| 181 | Effects of the peroxisome proliferator-activated receptor-gamma co-activator-1 Gly482Ser variant on features of the metabolic syndrome. <i>Molecular Genetics and Metabolism</i> , 2005 , 86, 300-6 | 3.7 | 23 |
| 180 | Heterozygous familial hypercholesterolemia in children: low-density lipoprotein receptor mutational analysis and variation in the expression of plasma lipoprotein-lipid concentrations. <i>Atherosclerosis</i> , 1996 , 126, 163-71 | 3.1 | 23 |

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| 179 | 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 |
| 178 | Molecular screening of the 11beta-HSD1 gene in men characterized by the metabolic syndrome. <i>Obesity</i> , 2004 , 12, 1570-5 | | 22 |
| 177 | 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 |
| 176 | A variant in the LRRFIP1 gene is associated with adiposity and inflammation. <i>Obesity</i> , 2013 , 21, 185-92 | 8 | 21 |
| 175 | Effects of peroxisome proliferator-activated receptors, dietary fat intakes and gene-diet interactions on peak particle diameters of low-density lipoproteins. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2011 , 4, 36-48 | | 21 |
| 174 | Effects of a supplementation of n-3 polyunsaturated fatty acids with or without fish gelatin on gene expression in peripheral blood mononuclear cells in obese, insulin-resistant subjects. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2011 , 4, 192-202 | | 21 |
| 173 | The c.419-420insA in the MTP gene is associated with abetalipoproteinemia among French-Canadians. <i>Molecular Genetics and Metabolism</i> , 2004 , 81, 140-3 | 3.7 | 21 |
| 172 | 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 |
| 171 | Contribution of genetic and metabolic syndrome to omental adipose tissue PAI-1 gene mRNA and plasma levels in obesity. <i>Obesity Surgery</i> , 2010 , 20, 492-9 | 3.7 | 20 |
| 170 | PPARalpha L162V polymorphism alters the potential of n-3 fatty acids to increase lipoprotein lipase activity. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 543-50 | 5.9 | 20 |
| 169 | Associations between glucose tolerance, insulin sensitivity and insulin secretion phenotypes and polymorphisms in adiponectin and adiponectin receptor genes in the Quebec Family Study. <i>Diabetic Medicine</i> , 2008 , 25, 400-6 | 3.5 | 20 |
| 168 | Validity of a self-reported measure of familial history of obesity. <i>Nutrition Journal</i> , 2008 , 7, 27 | 4.3 | 20 |
| 167 | Evidence of a quantitative trait locus for energy and macronutrient intakes on chromosome 3q27.3: the Quebec Family Study. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 1142-8 | 7 | 20 |
| 166 | Fine mapping of low-density lipoprotein receptor gene by genetic linkage on chromosome 19p13.1-p13.3 and study of the founder effect of four French Canadian low-density lipoprotein receptor gene mutations. <i>Atherosclerosis</i> , 1999 , 143, 145-51 | 3.1 | 20 |
| 165 | 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 |
| 164 | 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 |
| 163 | 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 |
| 162 | GAD2 gene sequence variations are associated with eating behaviors and weight gain in women from the Quebec family study. <i>Physiology and Behavior</i> , 2009 , 98, 505-10 | 3.5 | 19 |

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| 161 | The MspI polymorphism of the apolipoprotein A-II gene as a modulator of the dyslipidemic state found in visceral obesity. <i>Atherosclerosis</i> , 1997 , 128, 183-90 | 3.1 | 19 |
| 160 | Genes, fat intake, and cardiovascular disease risk factors in the Quebec Family Study. <i>Obesity</i> , 2007 , 15, 2336-47 | 8 | 19 |
| 159 | Effects of the FABP2 A54T mutation on triglyceride metabolism of viscerally obese men. <i>Obesity</i> , 2001 , 9, 668-75 | | 19 |
| 158 | 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 |
| 157 | Prediction of leisure-time physical activity among obese individuals. <i>Obesity</i> , 2009 , 17, 706-12 | 8 | 18 |
| 156 | Phosphoinositide cycle gene polymorphisms affect the plasma lipid profile in the Quebec Family Study. <i>Molecular Genetics and Metabolism</i> , 2009 , 97, 149-54 | 3.7 | 18 |
| 155 | Dietary patterns and associated lifestyles in individuals with and without familial history of obesity: a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2006 , 3, 38 | 8.4 | 18 |
| 154 | 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 |
| 153 | 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 |
| 152 | Association of LIPA gene polymorphisms with obesity-related metabolic complications among severely obese patients. <i>Obesity</i> , 2012 , 20, 2075-82 | 8 | 17 |
| 151 | A simple method to assess fruit and vegetable intake among obese and non-obese individuals. <i>Canadian Journal of Public Health</i> , 2008 , 99, 494-8 | 3.2 | 17 |
| 150 | Population prevalence of APOE, APOC3 and PPAR-alpha mutations associated to hypertriglyceridemia in French Canadians. <i>Journal of Human Genetics</i> , 2004 , 49, 691-700 | 4.3 | 17 |
| 149 | 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 |
| 148 | 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 |
| 147 | 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 |
| 146 | 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 |
| 145 | Effect of the PPAR-Alpha L162V polymorphism on the cardiovascular disease risk factor in response to n-3 polyunsaturated fatty acids. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2008 , 1, 205-12 | | 16 |
| 144 | The apoB-100 gene EcoRI polymorphism influences the relationship between features of the insulin resistance syndrome and the hyper-apoB and dense LDL phenotype in men. <i>Diabetes</i> , 1996 , 45, 1405-11 | 0.9 | 16 |

| | | | |
|-----|--|-----|----|
| 143 | Polygenic risk score for predicting weight loss after bariatric surgery. <i>JCI Insight</i> , 2018 , 3, | 9.9 | 16 |
| 142 | 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 |
| 141 | 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 |
| 140 | Associations between USF1 gene variants and cardiovascular risk factors in the Quebec Family Study. <i>Clinical Genetics</i> , 2007 , 71, 245-53 | 4 | 15 |
| 139 | Molecular screening of the microsomal triglyceride transfer protein: association between polymorphisms and both abdominal obesity and plasma apolipoprotein B concentration. <i>Journal of Human Genetics</i> , 2004 , 49, 684-690 | 4.3 | 15 |
| 138 | Relation between BgIII polymorphism in 3beta-hydroxysteroid dehydrogenase gene and adipose tissue distribution in humans. <i>Obesity</i> , 1994 , 2, 444-9 | | 15 |
| 137 | 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 |
| 136 | Low plasma adiponectin exacerbates the risk of premature coronary artery disease in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2008 , 196, 262-269 | 3.1 | 14 |
| 135 | Detection of a major gene effect for LDL peak particle diameter and association with apolipoprotein H gene haplotype. <i>Atherosclerosis</i> , 2005 , 182, 231-9 | 3.1 | 14 |
| 134 | Effect of apoC-III gene polymorphisms on the lipoprotein-lipid profile of viscerally obese men. <i>Journal of Lipid Research</i> , 2003 , 44, 986-93 | 6.3 | 14 |
| 133 | The pleiotropic expression of the myotonic dystrophy protein kinase gene illustrates the complex relationships between genetic, biological and clinical covariates of male aging. <i>Aging Male</i> , 2002 , 5, 223-232 | 2.1 | 14 |
| 132 | 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 |
| 131 | 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 |
| 130 | Plasma Triglyceride Levels May Be Modulated by Gene Expression of IQCJ, NXPH1, PHF17 and MYB in Humans. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 13 |
| 129 | Yogurt consumption, body composition, and metabolic health in the Québec Family Study. <i>European Journal of Nutrition</i> , 2018 , 57, 1591-1603 | 5.2 | 13 |
| 128 | Thymic stromal lymphopoietin: an immune cytokine gene associated with the metabolic syndrome and blood pressure in severe obesity. <i>Clinical Science</i> , 2012 , 123, 99-109 | 6.5 | 13 |
| 127 | Genetic contribution to C-reactive protein levels in severe obesity. <i>Molecular Genetics and Metabolism</i> , 2012 , 105, 494-501 | 3.7 | 13 |
| 126 | Evidence for interaction between PPARG Pro12Ala and PPARGC1A Gly482Ser polymorphisms in determining type 2 diabetes intermediate phenotypes in overweight subjects. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2009 , 117, 455-9 | 2.3 | 13 |

| | | | |
|-----|--|-----|----|
| 125 | Heritability of LDL peak particle diameter in the Quebec Family Study. <i>Genetic Epidemiology</i> , 2003 , 25, 375-81 | 2.6 | 13 |
| 124 | Haplotypes in the phospholipid transfer protein gene are associated with obesity-related phenotypes: the Québec Family Study. <i>International Journal of Obesity</i> , 2005 , 29, 1338-45 | 5.5 | 13 |
| 123 | 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 |
| 122 | Differences in transcriptional activation by the two allelic (L162V Polymorphic) variants of PPAR α after Omega-3 fatty acids treatment. <i>PPAR Research</i> , 2009 , 2009, 369602 | 4.3 | 12 |
| 121 | Omega-3 fatty acids regulate gene expression levels differently in subjects carrying the PPARalpha L162V polymorphism. <i>Genes and Nutrition</i> , 2009 , 4, 199-205 | 4.3 | 12 |
| 120 | A polymorphism of the interferon-gamma-inducible protein 30 gene is associated with hyperglycemia in severely obese individuals. <i>Human Genetics</i> , 2012 , 131, 57-66 | 6.3 | 11 |
| 119 | CYR61 polymorphisms are associated with plasma HDL-cholesterol levels in obese individuals. <i>Clinical Genetics</i> , 2007 , 72, 224-9 | 4 | 11 |
| 118 | Gene expression variability in subcutaneous and omental adipose tissue of obese men. <i>Gene Expression</i> , 2007 , 14, 35-46 | 3.4 | 11 |
| 117 | Influences of the phosphatidylcholine transfer protein gene variants on the LDL peak particle size. <i>Atherosclerosis</i> , 2007 , 195, 297-302 | 3.1 | 11 |
| 116 | Hyperinsulinemia and abdominal obesity affect the expression of hypertriglyceridemia in heterozygous familial lipoprotein lipase deficiency. <i>Diabetes</i> , 1997 , 46, 2063-2068 | 0.9 | 11 |
| 115 | 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 |
| 114 | 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 |
| 113 | Development and Validation of the Food Liking Questionnaire in a French-Canadian Population. <i>Nutrients</i> , 2017 , 9, | 6.7 | 10 |
| 112 | PPAR α Master Regulator of Bilirubin Homeostasis. <i>PPAR Research</i> , 2014 , 2014, 747014 | 4.3 | 10 |
| 111 | Combining genetic markers and clinical risk factors improves the risk assessment of impaired glucose metabolism. <i>Annals of Medicine</i> , 2010 , 42, 196-206 | 1.5 | 10 |
| 110 | Genetic epistasis in the VLDL catabolic pathway is associated with deleterious variations on triglyceridemia in obese subjects. <i>International Journal of Obesity</i> , 2007 , 31, 1325-33 | 5.5 | 10 |
| 109 | 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 |
| 108 | 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 |

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|-----|---|------|---|
| 107 | 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 |
| 106 | Familial resemblances in blood leukocyte DNA methylation levels. <i>Epigenetics</i> , 2016 , 11, 831-838 | 5.7 | 9 |
| 105 | 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 |
| 104 | Interactions between dietary fat intake and FASN genetic variation influence LDL peak particle diameter. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2011 , 4, 137-45 | | 9 |
| 103 | Interaction between HNF4A polymorphisms and physical activity in relation to type 2 diabetes-related traits: results from the Quebec Family Study. <i>Diabetes Research and Clinical Practice</i> , 2009 , 84, 211-8 | 7.4 | 9 |
| 102 | LIPE C-60G influences the effects of physical activity on body fat and plasma lipid concentrations: the Quebec Family Study. <i>Human Genomics</i> , 2009 , 3, 157-68 | 6.8 | 9 |
| 101 | Contribution of hierarchical clustering techniques to the modeling of the geographic distribution of genetic polymorphisms associated with chronic inflammatory diseases in the Québec population. <i>Public Health Genomics</i> , 2007 , 10, 218-26 | 1.9 | 9 |
| 100 | Combined effects of PPARgamma2 P12A and PPARalpha L162V polymorphisms on glucose and insulin homeostasis: the Québec Family Study. <i>Journal of Human Genetics</i> , 2003 , 48, 614-621 | 4.3 | 9 |
| 99 | HDL cholesterol and TaqIB cholesteryl ester transfer protein gene polymorphism in renal transplant recipients. <i>Nephron</i> , 2000 , 84, 333-41 | 3.3 | 9 |
| 98 | 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 |
| 97 | 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 |
| 96 | 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 |
| 95 | Genome-Wide Association Study of Dietary Pattern Scores. <i>Nutrients</i> , 2017 , 9, | 6.7 | 8 |
| 94 | 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 |
| 93 | 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 |
| 92 | 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 |
| 91 | Influence of the angiotensin-converting enzyme gene insertion/deletion polymorphism on lipoprotein/lipid response to gemfibrozil. <i>Clinical Genetics</i> , 2002 , 62, 45-52 | 4 | 8 |
| 90 | A sequence variation in the mitochondrial glycerol-3-phosphate dehydrogenase gene is associated with increased plasma glycerol and free fatty acid concentrations among French Canadians. <i>Molecular Genetics and Metabolism</i> , 2001 , 72, 209-17 | 3.7 | 8 |

| | | | |
|----|--|-----|---|
| 89 | 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 |
| 88 | 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 |
| 87 | 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 |
| 86 | Current knowledge and interest of French Canadians regarding nutrigenetics. <i>Genes and Nutrition</i> , 2019 , 14, 5 | 4.3 | 7 |
| 85 | 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 |
| 84 | 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 |
| 83 | Associations between polymorphisms in genes involved in fatty acid metabolism and dietary fat intakes. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2012 , 5, 1-12 | | 7 |
| 82 | Fine mapping of the insulin-induced gene 2 identifies a variant associated with LDL cholesterol and total apolipoprotein B levels. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 454-61 | | 7 |
| 81 | 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 |
| 80 | 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 |
| 79 | Ethical considerations in the implementation of nutrigenetics/nutrigenomics. <i>Personalized Medicine</i> , 2017 , 14, 75-83 | 2.2 | 6 |
| 78 | Dairy Product Consumption Interacts with Glucokinase (GCK) Gene Polymorphisms Associated with Insulin Resistance. <i>Journal of Personalized Medicine</i> , 2017 , 7, | 3.6 | 6 |
| 77 | 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 |
| 76 | 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 |
| 75 | 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 |
| 74 | Temporal Changes in Gene Expression Profile during Mature Adipocyte Dedifferentiation. <i>International Journal of Genomics</i> , 2017 , 2017, 5149362 | 2.5 | 6 |
| 73 | Associations between dietary patterns and LDL peak particle diameter: a cross-sectional study. <i>Journal of the American College of Nutrition</i> , 2010 , 29, 630-7 | 3.5 | 6 |
| 72 | Apolipoprotein E and lipoprotein lipase gene polymorphisms interaction on the atherogenic combined expression of hypertriglyceridemia and hyperapobetalipoproteinemia phenotypes. <i>Journal of Endocrinological Investigation</i> , 2007 , 30, 551-7 | 5.2 | 6 |

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|----|--|-----|---|
| 71 | Genetic and Common Environmental Contributions to Familial Resemblances in Plasma Carotenoid Concentrations in Healthy Families. <i>Nutrients</i> , 2018 , 10, | 6.7 | 6 |
| 70 | 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 |
| 69 | 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 |
| 68 | Association between mu-opioid receptor-1 102T>C polymorphism and intermediate type 2 diabetes phenotypes: results from the Quebec Family Study (QFS). <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008 , 35, 1018-22 | 3 | 5 |
| 67 | 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 |
| 66 | 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 |
| 65 | 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 |
| 64 | 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 |
| 63 | Familial resemblances in human whole blood transcriptome. <i>BMC Genomics</i> , 2018 , 19, 300 | 4.5 | 4 |
| 62 | 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 |
| 61 | 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 |
| 60 | 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 |
| 59 | Investigation of LRP8 gene in 1p31 QTL linked to LDL peak particle diameter in the Quebec family study. <i>Molecular Genetics and Metabolism</i> , 2011 , 102, 448-52 | 3.7 | 4 |
| 58 | Eating behaviours of non-obese individuals with and without familial history of obesity. <i>British Journal of Nutrition</i> , 2009 , 101, 1103-9 | 3.6 | 4 |
| 57 | Myeloperoxidase gene sequence variations are associated with low-density-lipoprotein characteristics. <i>Journal of Human Genetics</i> , 2008 , 53, 439-446 | 4.3 | 4 |
| 56 | Detection of a MspI restriction fragment length polymorphism for the human sex hormone-binding globulin (SHBG) gene. <i>Human Genetics</i> , 1994 , 93, 84 | 6.3 | 4 |
| 55 | 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 |
| 54 | 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 |

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|----|--|-----|---|
| 53 | The apoB-100 gene EcoRI polymorphism influences the relationship between features of the insulin resistance syndrome and the hyper-apoB and dense LDL phenotype in men. <i>Diabetes</i> , 1996 , 45, 1405-1411 | 0.9 | 4 |
| 52 | 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 |
| 51 | Intakes of Total, Free, and Naturally Occurring Sugars in the French-Speaking Adult Population of the Province of Qubec, Canada: The PREDISE Study. <i>Nutrients</i> , 2019 , 11, | 6.7 | 4 |
| 50 | Assessment of the American Heart Association's "Life's simple 7" score in French-speaking adults from Qubec. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 684-691 | 4.5 | 3 |
| 49 | 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 |
| 48 | 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 |
| 47 | Effects of neuromedin-B on caloric compensation, eating behaviours and habitual food intake. <i>Appetite</i> , 2011 , 57, 21-7 | 4.5 | 3 |
| 46 | Interaction between diets, polymorphisms and plasma lipid levels. <i>Clinical Lipidology</i> , 2010 , 5, 421-438 | | 3 |
| 45 | Interaction between familial history of obesity and fat intakes on obesity phenotypes. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2009 , 2, 37-42 | | 3 |
| 44 | Acylation stimulating protein is higher in Inuit from Nunavik compared to a southern Quebec population. <i>International Journal of Circumpolar Health</i> , 2009 , 68, 421-32 | 1.7 | 3 |
| 43 | Effect of the factor VII R353Q missense mutation on plasma apolipoprotein B levels: impact of visceral obesity. <i>Journal of Human Genetics</i> , 2003 , 48, 367-73 | 4.3 | 3 |
| 42 | A Variant in the LRRFIP1 Gene Is Associated With Adiposity and Inflammation. <i>Obesity</i> , | 8 | 3 |
| 41 | The pleiotropic expression of the myotonic dystrophy protein kinase gene illustrates the complex relationships between genetic, biological and clinical covariates of male aging | | 3 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | Impact of systemic enzyme supplementation on low-grade inflammation in humans. <i>PharmaNutrition</i> , 2015 , 3, 83-88 | 2.9 | 2 |
| 36 | Dietary intakes and familial history of obesity. <i>Canadian Journal of Dietetic Practice and Research</i> , 2008 , 69, 97-100 | 1.3 | 2 |

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|----|--|-----|---|
| 35 | Effect of a six-week national cholesterol education program step 1 diet on plasma sex hormone-binding globulin levels in overweight premenopausal women. <i>Metabolic Syndrome and Related Disorders</i> , 2007 , 5, 22-33 | 2.6 | 2 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | Authors' Response. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2021 , 121, 1216-1217 | 3.9 | 2 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | The Challenge of Stratifying Obesity: Attempts in the Quebec Family Study. <i>Frontiers in Genetics</i> , 2019 , 10, 994 | 4.5 | 1 |
| 22 | Association study between candidate genes and obesity-related phenotypes using a sample of lumberjacks. <i>Public Health Genomics</i> , 2009 , 12, 253-8 | 1.9 | 1 |
| 21 | 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 |
| 20 | 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 |
| 19 | Presence of palmar xanthomas in myotonic dystrophy identifies different patterns of linkage disequilibrium between the apolipoprotein E and myotonic dystrophy protein kinase loci. <i>Genetics in Medicine</i> , 2005 , 7, 213-5 | 8.1 | 0 |
| 18 | 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 |

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|----|---|-----|---|
| 17 | A Systematic Review and Recommendations Around Frameworks for Evaluating Scientific Validity in Nutritional Genomics.. <i>Frontiers in Nutrition</i> , 2021 , 8, 789215 | 6.2 | ○ |
| 16 | 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 | ○ |
| 15 | 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 | ○ |
| 14 | 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 | ○ |
| 13 | 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 | ○ |
| 12 | 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 | ○ |
| 11 | Genetic Variation of PPARs. <i>PPAR Research</i> , 2009 , 2009, 189091 | 4.3 | |
| 10 | 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 | |
| 9 | Fatty acids of plasma phospholipids and erythrocytes are reliable biomarkers of n-3 polyunsaturated fatty acid supplementation. <i>FASEB Journal</i> , 2010 , 24, 939.6 | 0.9 | |
| 8 | Regulation of the PBMCs gene expression profile with the Western dietary pattern in healthy men and women. <i>FASEB Journal</i> , 2012 , 26, 647.5 | 0.9 | |
| 7 | Association between polymorphisms in the FADS gene cluster and the plasma triacylglycerol response to an n-3 PUFA supplementation. <i>FASEB Journal</i> , 2012 , 26, 647.14 | 0.9 | |
| 6 | 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 | |
| 5 | 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 | |
| 4 | 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 | |
| 3 | 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 | |
| 2 | 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 | |
| 1 | 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 | | |