M-C Vohl

List of Publications by Year
in descending order

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Version: 2024-02-01

318 papers	20,585 citations	30047 54 h-index	14197 128 g-index
334 all docs	334 docs citations	334 times ranked	27622 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
2	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
3	The common PPARÎ³ Pro12Ala polymorphism is associated with decreased risk of type 2 diabetes. Nature Genetics, 2000, 26, 76-80.	9.4	1,672
4	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
5	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669.	9.4	762
6	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	1.5	331
7	Precision Nutrition: A Review of Personalized Nutritional Approaches for the Prevention and Management of Metabolic Syndrome. Nutrients, 2017, 9, 913.	1.7	292
8	A Survey of Genes Differentially Expressed in Subcutaneous and Visceral Adipose Tissue in Men*. Obesity, 2004, 12, 1217-1222.	4.0	282
9	Single-cell analysis of human adipose tissue identifies depot- and disease-specific cell types. Nature Metabolism, 2020, 2, 97-109.	5.1	272
10	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	5.8	245
11	A survey of genetic and epigenetic variation affecting human gene expression. Physiological Genomics, 2004, 16, 184-193.	1.0	228
12	Genetic Variants of FTO Influence Adiposity, Insulin Sensitivity, Leptin Levels, and Resting Metabolic Rate in the Quebec Family Study. Diabetes, 2008, 57, 1147-1150.	0.3	206
13	Differential methylation in glucoregulatory genes of offspring born before vs. after maternal gastrointestinal bypass surgery. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11439-11444.	3.3	197
14	Differential epigenomic and transcriptomic responses in subcutaneous adipose tissue between low and high responders to caloric restriction. American Journal of Clinical Nutrition, 2010, 91, 309-320.	2.2	193
15	The PPAR-gamma P12A polymorphism modulates the relationship between dietary fat intake and components of the metabolic syndrome: results from the QuÃ©bec Family Study. Clinical Genetics, 2003, 63, 109-116.	1.0	170
16	Abdominal Visceral Fat is Associated with a BclI Restriction Fragment Length Polymorphism at the Glucocorticoid Receptor Gene Locus. Obesity, 1997, 5, 186-192.	4.0	169
17	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	5.8	169
18	5' Flanking Variants of Resistin Are Associated With Obesity. Diabetes, 2002, 51, 1629-1634.	0.3	158

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19	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	1.5	158
20	Molecular scanning of the human PPARÎ± gene: association of the L162V mutation with hyperapobetalipoproteinemia. Journal of Lipid Research, 2000, 41, 945-952.	2.0	155
21	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	5.8	153
22	Glycerol: a neglected variable in metabolic processes?. BioEssays, 2001, 23, 534-542.	1.2	139
23	Molecular scanning of the human PPARa gene: association of the L162v mutation with hyperapobetalipoproteinemia. Journal of Lipid Research, 2000, 41, 945-52.	2.0	124
24	Contribution of abdominal obesity and hypertriglyceridemia to impaired fasting glucose and coronary artery disease. American Journal of Cardiology, 2002, 90, 15-18.	0.7	114
25	Novel loci associated with usual sleep duration: the CHARGE Consortium Genome-Wide Association Study. Molecular Psychiatry, 2015, 20, 1232-1239.	4.1	112
26	Associations between dietary patterns and obesity phenotypes. International Journal of Obesity, 2009, 33, 1419-1426.	1.6	108
27	Association between the PPARÎ±-L162V polymorphism and components of the metabolic syndrome. Journal of Human Genetics, 2004, 49, 482-489.	1.1	105
28	Plasman-3 fatty acid response to ann-3 fatty acid supplement is modulated by apoE É›4 but not by the common PPAR-Î± L162V polymorphism in men. British Journal of Nutrition, 2009, 102, 1121-1124.	1.2	98
29	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. BMC Medical Genetics, 2015, 16, 29.	2.1	96
30	Relationships of Abdominal Obesity and Hyperinsulinemia to Angiographically Assessed Coronary Artery Disease in Men With Known Mutations in the LDL Receptor Gene. Circulation, 1998, 97, 871-877.	1.6	91
31	Association between insulin secretion, insulin sensitivity and type 2 diabetes susceptibility variants identified in genome-wide association studies. Acta Diabetologica, 2009, 46, 217-226.	1.2	91
32	A Novel Lecithin-Cholesterol Acyltransferase Antioxidant Activity Prevents the Formation of Oxidized Lipids during Lipoprotein Oxidationâ€. Biochemistry, 1999, 38, 5976-5981.	1.2	87
33	The interleukin 6 â^'174G/C Polymorphism is associated with indices of obesity in men. Journal of Human Genetics, 2003, 48, 0014-0019.	1.1	84
34	Relation of the â€œHypertriglyceridemic Waistâ€•Phenotype to Earlier Manifestations of Coronary Artery Disease in Patients With Glucose Intolerance and Type 2 Diabetes Mellitus. American Journal of Cardiology, 2007, 99, 369-373.	0.7	84
35	Characterization of functional methylomes by next-generation capture sequencing identifies novel disease-associated variants. Nature Communications, 2015, 6, 7211.	5.8	84
36	Neuromedin Î²: a strong candidate gene linking eating behaviors and susceptibility to obesity. American Journal of Clinical Nutrition, 2004, 80, 1478-1486.	2.2	83

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37	Epigenetic changes in blood leukocytes following an omega-3 fatty acid supplementation. Clinical Epigenetics, 2017, 9, 43.	1.8	82
38	Common Polymorphisms in the Promoter of the Visfatin Gene (PBEF1) Influence Plasma Insulin Levels in a French-Canadian Population. Diabetes, 2006, 55, 2896-2902.	0.3	76
39	The metabolic signature associated with the Western dietary pattern: a cross-sectional study. Nutrition Journal, 2013, 12, 158.	1.5	76
40	Effect of n-3 fatty acids on the expression of inflammatory genes in THP-1 macrophages. Lipids in Health and Disease, 2016, 15, 69.	1.2	75
41	Disturbance in uniformly¹³C-labelled DHA metabolism in elderly human subjects carrying the apoE Îµ4 allele. British Journal of Nutrition, 2013, 110, 1751-1759.	1.2	74
42	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357.	5.8	74
43	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. Pharmacogenetics and Genomics, 2002, 12, 313-320.	5.7	72
44	Functional variation in allelic methylomes underscores a strong genetic contribution and reveals novel epigenetic alterations in the human epigenome. Genome Biology, 2017, 18, 50.	3.8	71
45	Effects of 6-month vitamin D supplementation on insulin sensitivity and secretion: a randomised, placebo-controlled trial. European Journal of Endocrinology, 2019, 181, 287-299.	1.9	64
46	Transcriptomic and metabolomic signatures of an n-3 polyunsaturated fatty acids supplementation in a normolipidemic/normocholesterolemic Caucasian population. Journal of Nutritional Biochemistry, 2013, 24, 54-61.	1.9	63
47	Effect of liver fatty acid binding protein (FABP) T94A missense mutation on plasma lipoprotein responsiveness to treatment with fenofibrate. Journal of Human Genetics, 2004, 49, 424-432.	1.1	62
48	LINE-1 methylation in visceral adipose tissue of severely obese individuals is associated with metabolic syndrome status and related phenotypes. Clinical Epigenetics, 2012, 4, 10.	1.8	62
49	DNA variation in the genes of the Na,K-adenosine triphosphatase and its relation with resting metabolic rate, respiratory quotient, and body fat.. Journal of Clinical Investigation, 1994, 93, 838-843.	3.9	62
50	Influence of LDL receptor gene mutation and apo E polymorphism on lipoprotein response to simvastatin treatment among adolescents with heterozygous familial hypercholesterolemia. Atherosclerosis, 2002, 160, 361-368.	0.4	61
51	Comparison of the effect of two lowâ€density lipoprotein receptor class mutations on coronary heart disease among Frenchâ€Canadian patients heterozygous for familial hypercholesterolaemia. European Journal of Clinical Investigation, 1997, 27, 366-373.	1.7	60
52	Genome-wide linkage scan reveals multiple susceptibility loci influencing lipid and lipoprotein levels in the QuÃ©bec Family Study. Journal of Lipid Research, 2004, 45, 419-426.	2.0	60
53	Associations between dietary patterns and gene expression profiles of healthy men and women: a cross-sectional study. Nutrition Journal, 2013, 12, 24.	1.5	60
54	ZFP36: a Promising Candidate Gene for Obesity-Related Metabolic Complications Identified by Converging Genomics. Obesity Surgery, 2007, 17, 372-382.	1.1	57

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55	Biological plausibility for interactions between dietary fat, resveratrol, ACE2, and SARS-CoV illness severity. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E830-E833.	1.8	57
56	Electronic health record-based genome-wide meta-analysis provides insights on the genetic architecture of non-alcoholic fatty liver disease. Cell Reports Medicine, 2021, 2, 100437.	3.3	56
57	ApoB-100 gene EcoRI polymorphism. Relations to plasma lipoprotein changes associated with abdominal visceral obesity.. Arteriosclerosis and Thrombosis: A Journal of Vascular Biology, 1994, 14, 527-533.	3.8	55
58	Methylation and Expression of Immune and Inflammatory Genes in the Offspring of Bariatric Bypass Surgery Patients. Journal of Obesity, 2013, 2013, 1-9.	1.1	55
59	Moderators of the intention-behaviour and perceived behavioural control-behaviour relationships for leisure-time physical activity. International Journal of Behavioral Nutrition and Physical Activity, 2008, 5, 7.	2.0	54
60	Geneâ€“diet interactions on plasma lipid levels in the Inuit population. British Journal of Nutrition, 2013, 109, 953-961.	1.2	54
61	Glycerol as a Correlate of Impaired Glucose Tolerance: Dissection of a Complex System by Use of a Simple Genetic Trait. American Journal of Human Genetics, 2000, 66, 1558-1568.	2.6	53
62	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. International Journal of Obesity, 1999, 23, 918-925.	1.6	52
63	The peroxisome proliferator-activated receptor Î± Leu162Val polymorphism influences the metabolic response to a dietary intervention altering fatty acid proportions in healthy men. American Journal of Clinical Nutrition, 2005, 81, 523-530.	2.2	52
64	DPP4 Gene DNA Methylation in the Omentum is Associated With Its Gene Expression and Plasma Lipid Profile in Severe Obesity. Obesity, 2011, 19, 388-395.	1.5	52
65	Association between Polymorphisms in the Fatty Acid Desaturase Gene Cluster and the Plasma Triacylglycerol Response to an n-3 PUFA Supplementation. Nutrients, 2012, 4, 1026-1041.	1.7	52
66	The effect of mere-measurement of cognitions on physical activity behavior: a randomized controlled trial among overweight and obese individuals. International Journal of Behavioral Nutrition and Physical Activity, 2011, 8, 2.	2.0	51
67	Association between yogurt consumption, dietary patterns, and cardio-metabolic risk factors. European Journal of Nutrition, 2016, 55, 577-587.	1.8	51
68	Contribution of receptor negative versus receptor defective mutations in the LDL-receptor gene to angiographically assessed coronary artery disease among young (25â€“49 years) versus middle-aged (50â€“64 years) men. Atherosclerosis, 1999, 143, 153-161.	0.4	50
69	Features of the metabolic syndrome are modulated by an interaction between the peroxisome proliferator-activated receptor-delta â^'87T>C polymorphism and dietary fat in French-Canadians. International Journal of Obesity, 2007, 31, 411-417.	1.6	50
70	The T111I mutation in the EL gene modulates the impact of dietary fat on the HDL profile in women. Journal of Lipid Research, 2003, 44, 1902-1908.	2.0	49
71	Comprehensive genetic analysis of the dipeptidyl peptidase-4 gene and cardiovascular disease risk factors in obese individuals. Acta Diabetologica, 2009, 46, 13-21.	1.2	49
72	DNA methylation variations at CETP and LPL gene promoter loci: New molecular biomarkers associated with blood lipid profile variability. Atherosclerosis, 2013, 228, 413-420.	0.4	49

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73	Carotenoids as biomarkers of fruit and vegetable intake in men and women. British Journal of Nutrition, 2016, 116, 1206-1215.	1.2	48
74	The Lipoprotein Lipase Hin dIII Polymorphism Modulates Plasma Triglyceride Levels in Visceral Obesity. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 714-720.	1.1	48
75	Validation of the Use of Peripheral Blood Mononuclear Cells as Surrogate Model for Skeletal Muscle Tissue in Nutrigenomic Studies. OMICS A Journal of Integrative Biology, 2011, 15, 1-7.	1.0	47
76	Effects of FADS and ELOVL polymorphisms on indexes of desaturase and elongase activities: results from a pre-post fish oil supplementation. Genes and Nutrition, 2014, 9, 437.	1.2	47
77	Associations Between Dietary Protein Sources, Plasma BCAA and Short-Chain Acylcarnitine Levels in Adults. Nutrients, 2019, 11, 173.	1.7	47
78	Genome-wide association study of the plasma triglyceride response to an n-3 polyunsaturated fatty acid supplementation. Journal of Lipid Research, 2014, 55, 1245-1253.	2.0	44
79	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. Molecular Psychiatry, 2019, 24, 1920-1932.	4.1	44
80	Plasma concentrations of apolipoprotein B are modulated by a geneâ€“diet interaction effect between the LFABP T94A polymorphism and dietary fat intake in French-Canadian men. Molecular Genetics and Metabolism, 2004, 82, 296-303.	0.5	43
81	Differential methylation in visceral adipose tissue of obese men discordant for metabolic disturbances. Physiological Genomics, 2014, 46, 216-222.	1.0	43
82	Impact of adiponectin gene polymorphisms on plasma lipoprotein and adiponectin concentrations of viscerally obese men. Journal of Lipid Research, 2005, 46, 237-244.	2.0	42
83	Chylomicron retention disease: A long term study of two cohorts. Molecular Genetics and Metabolism, 2009, 97, 136-142.	0.5	42
84	Human resistin gene polymorphism is associated with visceral obesity and fasting and oral glucose stimulated C-peptide in the QuÃ©bec Family Study. Journal of Endocrinological Investigation, 2004, 27, 1003-1009.	1.8	41
85	Association between olfactory receptor genes, eating behavior traits and adiposity: Results from the Quebec Family Study. Physiology and Behavior, 2012, 105, 772-776.	1.0	41
86	ADRB3 gene promoter DNA methylation in blood and visceral adipose tissue isÂassociated with metabolic disturbances in men. Epigenomics, 2014, 6, 33-43.	1.0	41
87	Kinetics of 13C-DHA before and during fish-oil supplementation in healthy older individuals. American Journal of Clinical Nutrition, 2014, 100, 105-112.	2.2	40
88	Visceral obesity attenuates the effect of the hepatic lipase â^'514C>T polymorphism on plasma HDL-cholesterol levels in French-Canadian men. Molecular Genetics and Metabolism, 2003, 78, 31-36.	0.5	39
89	Fish nutrients decrease expression levels of tumor necrosis factor-Î± in cultured human macrophages. Physiological Genomics, 2010, 40, 189-194.	1.0	38
90	Differences in metabolomic and transcriptomic profiles between responders and non-responders to an n-3 polyunsaturated fatty acids (PUFAs) supplementation. Genes and Nutrition, 2013, 8, 411-423.	1.2	38

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91	Evidence for a Major Quantitative Trait Locus on Chromosome 17q21 Affecting Low-Density Lipoprotein Peak Particle Diameter. Circulation, 2003, 107, 2361-2368.	1.6	37
92	Genetics of LDL particle heterogeneity. Journal of Lipid Research, 2004, 45, 1008-1026.	2.0	37
93	Effects of Age, Sex, Body Mass Index and APOE Genotype on Cardiovascular Biomarker Response to an n-3 Polyunsaturated Fatty Acid Supplementation. Journal of Nutrigenetics and Nutrigenomics, 2013, 6, 73-82.	1.8	37
94	Hyperinsulinemia and Abdominal Obesity Affect the Expression of Hypertriglyceridemia in Heterozygous Familial Lipoprotein Lipase Deficiency. Diabetes, 1997, 46, 2063-2068.	0.3	36
95	Relative contribution of low-density lipoprotein receptor and lipoprotein lipase gene mutations to angiographically assessed coronary artery disease among French Canadians. American Journal of Cardiology, 1998, 82, 299-305.	0.7	36
96	Influences of the PPARÎ±-L162V polymorphism on plasma HDL2-cholesterol response of abdominally obese men treated with gemfibrozil. Genetics in Medicine, 2002, 4, 311-315.	1.1	36
97	Geographic distribution of Frenchâ€Canadian lowâ€density lipoprotein receptor gene mutations in the Province of Quebec. Clinical Genetics, 1997, 52, 1-6.	1.0	36
98	Natural Rumenâ€Derived trans Fatty Acids Are Associated with Metabolic Markers of Cardiac Health. Lipids, 2015, 50, 873-882.	0.7	36
99	Development and validation of a nutrition knowledge questionnaire for a Canadian population. Public Health Nutrition, 2017, 20, 1184-1192.	1.1	36
100	Visceral obesity and hyperinsulinemia modulate the impact of the microsomal triglyceride transfer protein â^'493G/T polymorphism on plasma lipoprotein levels in men. Atherosclerosis, 2002, 160, 317-324.	0.4	35
101	Profiling Serum Bile Acid Glucuronides in Humans: Gender Divergences, Genetic Determinants, and Response to Fenofibrate. Clinical Pharmacology and Therapeutics, 2013, 94, 533-543.	2.3	35
102	NutrigenomicsÂâ€“Âperspectives from registered dietitians: a report from the Quebecâ€wide eâ€consultation on nutrigenomics among registered dietitians. Journal of Human Nutrition and Dietetics, 2014, 27, 391-400.	1.3	35
103	Dairy Product Consumption Has No Impact on Biomarkers of Inflammation among Men and Women with Low-Grade Systemic Inflammation. Journal of Nutrition, 2014, 144, 1760-1767.	1.3	34
104	Detection of a novel mutation (stop 468) in exon 10 of the low-density lipoprotein receptor gene causing familial hypercholesterolemia among French Canadians. Human Molecular Genetics, 1994, 3, 1689-1691.	1.4	33
105	Effect of an Oat Bran-Rich Supplement on the Metabolic Profile of Overweight Premenopausal Women. Annals of Nutrition and Metabolism, 2005, 49, 141-148.	1.0	33
106	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. Journal of Molecular Medicine, 2007, 85, 129-137.	1.7	33
107	Association between Metabolite Profiles, Metabolic Syndrome and Obesity Status. Nutrients, 2016, 8, 324.	1.7	33
108	Omega-3 fatty acids status in human subjects estimated using a food frequency questionnaire and plasma phospholipids levels. Nutrition Journal, 2012, 11, 46.	1.5	32

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109	A Study of the Differential Effects of Eicosapentaenoic Acid (EPA) and Docosahexaenoic Acid (DHA) on Gene Expression Profiles of Stimulated Thp-1 Macrophages. Nutrients, 2017, 9, 424.	1.7	32
110	Association of OSBPL11 Gene Polymorphisms With Cardiovascular Disease Risk Factors in Obesity. Obesity, 2009, 17, 1466-1472.	1.5	31
111	Association between polymorphisms in phospholipase A2 genes and the plasma triglyceride response to an n-3 PUFA supplementation: a clinical trial. Lipids in Health and Disease, 2015, 14, 12.	1.2	31
112	Cross-tissue comparisons of leptin and adiponectin. Adipocyte, 2014, 3, 132-140.	1.3	30
113	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. Journal of Nutrition, 2018, 148, 379-388.	1.3	30
114	Body mass index is associated with epigenetic age acceleration in the visceral adipose tissue of subjects with severe obesity. Clinical Epigenetics, 2019, 11, 172.	1.8	30
115	Polygenic risk score for predicting weight loss after bariatric surgery. JCI Insight, 2018, 3, .	2.3	30
116	Molecular Screening of the 11Î²â€HSD1 Gene in Men Characterized by the Metabolic Syndrome. Obesity, 2004, 12, 1570-1575.	4.0	29
117	Effects of the peroxisome proliferator-activated receptor-Î³ co-activator-1 Gly482Ser variant on features of the metabolic syndrome. Molecular Genetics and Metabolism, 2005, 86, 300-306.	0.5	29
118	Quantitative Trait Locus on 15q for a Metabolic Syndrome Variable Derived from Factor Analysis*. Obesity, 2007, 15, 544-550.	1.5	29
119	PPARÎ± L162V polymorphism alters the potential of nâ€3 fatty acids to increase lipoprotein lipase activity. Molecular Nutrition and Food Research, 2010, 54, 543-550.	1.5	29
120	Effect of Implementation Intentions to Change Behaviour: Moderation by Intention Stability. Psychological Reports, 2010, 106, 147-159.	0.9	29
121	A variant in the LRRFIP1 gene is associated with adiposity and inflammation. Obesity, 2013, 21, 185-192.	1.5	29
122	Poor Adherence to Dietary Guidelines Among French-Speaking Adults in the Province of Quebec, Canada: The PREDISE Study. Canadian Journal of Cardiology, 2018, 34, 1665-1673.	0.8	29
123	Circulating glutamate level as a potential biomarker for abdominal obesity and metabolic risk. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 1353-1360.	1.1	29
124	The lipoprotein/lipid profile is modulated by a geneâ€"diet interaction effect between polymorphisms in the liver X receptor-Î± and dietary cholesterol intake in French-Canadians. British Journal of Nutrition, 2007, 97, 11-18.	1.2	28
125	Prediction of daily fruit and vegetable consumption among overweight and obese individuals. Appetite, 2010, 54, 480-484.	1.8	28
126	The Peroxisome Proliferatorâ€Activated Receptor Î± L162V Mutation Is Associated with Reduced Adiposity. Obesity, 2003, 11, 809-816.	4.0	27

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127	Visceral adipose tissue zinc finger protein 36 mRNA levels are correlated with insulin, insulin resistance index, and adiponectinemia in women. European Journal of Endocrinology, 2007, 157, 451-457.	1.9	27
128	Evidence of Interaction between Type 2 Diabetes Susceptibility Genes and Dietary Fat Intake for Adiposity and Glucose Homeostasis-Related Phenotypes. Journal of Nutrigenetics and Nutrigenomics, 2009, 2, 225-234.	1.8	27
129	Compendium of genome-wide scans of lipid-related phenotypes. Journal of Lipid Research, 2004, 45, 2174-2184.	2.0	26
130	Validity of a self-reported measure of familial history of obesity. Nutrition Journal, 2008, 7, 27.	1.5	26
131	An explained varianceâ€based genetic risk score associated with gestational diabetes antecedent and with progression to preâ€diabetes and type 2 diabetes: a cohort study. BJOG: an International Journal of Obstetrics and Gynaecology, 2015, 122, 411-419.	1.1	26
132	Rapid restriction fragment analysis for screening four point mutations of the Low-density lipoprotein receptor gene in French Canadians. Human Mutation, 1995, 6, 243-246.	1.1	25
133	Heterozygous familial hypercholesterolemia in children: low-density lipoprotein receptor mutational analysis and variation in the expression of plasma lipoprotein-lipid concentrations. Atherosclerosis, 1996, 126, 163-171.	0.4	25
134	Identification of three mutations in the low-density lipoprotein receptor gene causing familial hypercholesterolemia among French Canadians. Human Mutation, 1998, 11, S226-S231.	1.1	25
135	Plasminogen-activator inhibitor-1 polymorphisms are associated with obesity and fat distribution in the Qu??bec Family Study: evidence of interactions with menopause. Menopause, 2005, 12, 136-143.	0.8	25
136	Risks of nutrigenomics and nutrigenetics? What the scientists say. Genes and Nutrition, 2014, 9, 370.	1.2	25
137	Docosahexaenoic acid-enriched canola oil increases adiponectin concentrations: A randomized crossover controlled intervention trial. Nutrition, Metabolism and Cardiovascular Diseases, 2015, 25, 52-59.	1.1	25
138	Phosphoinositide cycle gene polymorphisms affect the plasma lipid profile in the Quebec Family Study. Molecular Genetics and Metabolism, 2009, 97, 149-154.	0.5	24
139	GAD2 gene sequence variations are associated with eating behaviors and weight gain in women from the Quebec family study. Physiology and Behavior, 2009, 98, 505-510.	1.0	24
140	Effects of Peroxisome Proliferator-Activated Receptors, Dietary Fat Intakes and Geneâ€“Diet Interactions on Peak Particle Diameters of Low-Density Lipoproteins. Journal of Nutrigenetics and Nutrigenomics, 2011, 4, 36-48.	1.8	24
141	Interaction between Common Genetic Variants and Total Fat Intake on Low-Density Lipoprotein Peak Particle Diameter: A Genome-Wide Association Study. Journal of Nutrigenetics and Nutrigenomics, 2015, 8, 44-53.	1.8	24
142	Fine mapping of genome-wide association study signals to identify genetic markers of the plasma triglyceride response to an omega-3 fatty acid supplementation. American Journal of Clinical Nutrition, 2019, 109, 176-185.	2.2	24
143	Effects of the FABP2 A54T Mutation on Triglyceride Metabolism of Viscerally Obese Men. Obesity, 2001, 9, 668-675.	4.0	23
144	Associations between glucose tolerance, insulin sensitivity and insulin secretion phenotypes and polymorphisms in adiponectin and adiponectin receptor genes in the Quebec Family Study. Diabetic Medicine, 2008, 25, 400-406.	1.2	23

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145	Prediction of Leisureâ€time Physical Activity Among Obese Individuals. Obesity, 2009, 17, 706-712.	1.5	23
146	Association of LIPA Gene Polymorphisms With Obesityâ€Related Metabolic Complications Among Severely Obese Patients. Obesity, 2012, 20, 2075-2082.	1.5	23
147	Cardiometabolic risk factors are influenced by <scp>S</scp>tearoylâ€<scp>C</scp>o<scp>A D</scp>esaturase (<scp>SCD</scp>) â^'1 gene polymorphisms and nâ€3 polyunsaturated fatty acid supplementation. Molecular Nutrition and Food Research, 2014, 58, 1079-1086.	1.5	23
148	The MspI polymorphism of the apolipoprotein A-II gene as a modulator of the dyslipidemic state found in visceral obesity. Atherosclerosis, 1997, 128, 183-190.	0.4	22
149	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. Atherosclerosis, 1999, 143, 145-151.	0.4	22
150	The c.419-420insA in the MTP gene is associated with abetalipoproteinemia among French-Canadians. Molecular Genetics and Metabolism, 2004, 81, 140-143.	0.5	22
151	A Simple Method to Assess Fruit and Vegetable Intake among Obese and Non-obese Individuals. Canadian Journal of Public Health, 2008, 99, 494-498.	1.1	22
152	Genes, Fat Intake, and Cardiovascular Disease Risk Factors in the Quebec Family Study. Obesity, 2007, 15, 2336-2347.	1.5	21
153	Contribution of Genetic and Metabolic Syndrome to Omental Adipose Tissue PAI-1 Gene mRNA and Plasma Levels in Obesity. Obesity Surgery, 2010, 20, 492-499.	1.1	21
154	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. Journal of Nutrigenetics and Nutrigenomics, 2011, 4, 192-202.	1.8	21
155	Effect of different concentrations of omega-3 fatty acids on stimulated THP-1 macrophages. Genes and Nutrition, 2017, 12, 7.	1.2	21
156	Yogurt consumption, body composition, and metabolic health in the QuÃ©bec Family Study. European Journal of Nutrition, 2018, 57, 1591-1603.	1.8	21
157	Relation Between BglII Polymorphism in 3Î²â€Hydroxysteroid Dehydrogenase Gene and Adipose Tissue Distribution in Humans. Obesity, 1994, 2, 444-449.	4.0	20
158	Population prevalence of APOE, APOC3 and PPAR-Î± mutations associated to hypertriglyceridemia in French Canadians. Journal of Human Genetics, 2004, 49, 691-700.	1.1	20
159	Dietary patterns and associated lifestyles in individuals with and without familial history of obesity: a cross-sectional study. International Journal of Behavioral Nutrition and Physical Activity, 2006, 3, 38.	2.0	20
160	Evidence of a quantitative trait locus for energy and macronutrient intakes on chromosome 3q27.3: the QuÃ©bec Family Study. American Journal of Clinical Nutrition, 2008, 88, 1142-1148.	2.2	20
161	Genetic contribution to C-reactive protein levels in severe obesity. Molecular Genetics and Metabolism, 2012, 105, 494-501.	0.5	20
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