Louis Perusse

List of Publications by Year
in descending order

366 papers	31,003 citations	5896 81 h-index	6471 157 g-index
378 all docs	378 docs citations	378 times ranked	31109 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	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.	21.4	1,818
3	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
4	The Human Obesity Gene Map: The 2005 Update. Obesity, 2006, 14, 529-644.	3.0	962
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.	21.4	762
6	Familial aggregation ofVË™<scp>o</scp> _{2 max} response to exercise training: results from the HERITAGE Family Study. Journal of Applied Physiology, 1999, 87, 1003-1008.	2.5	731
7	Physical Activity Attenuates the Influence of FTO Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. PLoS Medicine, 2011, 8, e1001116.	8.4	446
8	Waist and hip circumferences have independent and opposite effects on cardiovascular disease risk factors: the Quebec Family Study. American Journal of Clinical Nutrition, 2001, 74, 315-321.	4.7	432
9	The Human Gene Map for Performance and Health-Related Fitness Phenotypes. Medicine and Science in Sports and Exercise, 2009, 41, 34-72.	0.4	409
10	Familial resemblance for ??VO2max in the sedentary state: the HERITAGE family study. Medicine and Science in Sports and Exercise, 1998, 30, 252-258.	0.4	400
11	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
12	The prediction of abdominal visceral fat level from body composition and anthropometry: ROC analysis. International Journal of Obesity, 1999, 23, 801-809.	3.4	331
13	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.	3.5	331
14	The Human Gene Map for Performance and Health-Related Fitness Phenotypes. Medicine and Science in Sports and Exercise, 2006, 38, 1863-1888.	0.4	323
15	GENETIC AND ENVIRONMENTAL INFLUENCES ON LEVEL OF HABITUAL PHYSICAL ACTIVITY AND EXERCISE PARTICIPATION. American Journal of Epidemiology, 1989, 129, 1012-1022.	3.4	292
16	Set points, settling points and some alternative models: theoretical options to understand how genes and environments combine to regulate body adiposity. DMM Disease Models and Mechanisms, 2011, 4, 733-745.	2.4	266
17	Aerobic performance in brothers, dizygotic and monozygotic twins. Medicine and Science in Sports and Exercise, 1986, 18, 639???646.	0.4	250
18	The Human Obesity Gene Map: The 2003 Update. Obesity, 2004, 12, 369-439.	4.0	247

#	Article	IF	Citations
19	The Human Obesity Gene Map: The 2004 Update. Obesity, 2005, 13, 381-490.	4.0	245
20	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	12.8	245
21	Genome-Wide Linkage Analysis of Systolic and Diastolic Blood Pressure. Circulation, 2000, 102, 1956-1963.	1.6	225
22	Linkage Between Markers in the Vicinity of the Uncoupling Protein 2 Gene and Resting Metabolic Rate in Humans. Human Molecular Genetics, 1997, 6, 1887-1889.	2.9	223
23	Stability of indicators of the metabolic syndrome from childhood and adolescence to young adulthood. Journal of Clinical Epidemiology, 2001, 54, 190-195.	5.0	222
24	Acute and chronic effects of exercise on leptin levels in humans. Journal of Applied Physiology, 1997, 83, 5-10.	2.5	220
25	A Glucocorticoid Receptor Gene Marker Is Associated with Abdominal Obesity, Leptin, and Dysregulation of the Hypothalamicâ€Pituitaryâ€Adrenal Axis. Obesity, 2000, 8, 211-218.	4.0	209
26	Identification of an obesity quantitative trait locus on mouse chromosome 2 and evidence of linkage to body fat and insulin on the human homologous region 20q.. Journal of Clinical Investigation, 1997, 100, 1240-1247.	8.2	208
27	Genetic Variants of FTO Influence Adiposity, Insulin Sensitivity, Leptin Levels, and Resting Metabolic Rate in the Quebec Family Study. Diabetes, 2008, 57, 1147-1150.	0.6	206
28	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.	4.7	193
29	The Human Obesity Gene Map: The 2002 Update. Obesity, 2003, 11, 313-367.	4.0	188
30	No association between the angiotensin-converting enzyme ID polymorphism and elite endurance athlete status. Journal of Applied Physiology, 2000, 88, 1571-1575.	2.5	185
31	Genomic scan for maximal oxygen uptake and its response to training in the HERITAGE Family Study[*]. Journal of Applied Physiology, 2000, 88, 551-559.	2.5	177
32	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	27.8	173
33	Sex differences in inflammatory markers: what is the contribution of visceral adiposity?. American Journal of Clinical Nutrition, 2009, 89, 1307-1314.	4.7	172
34	The PPARâ€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.	2.0	170
35	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
36	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	12.8	169

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37	Linkage and Association Studies between the Melanocortin Receptors 4 and 5 Genes and Obesity-Related Phenotypes in the QuÃ©bec Family Study. Molecular Medicine, 1997, 3, 663-673.	4.4	164
38	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	3.5	158
39	Role of Ghrelin Polymorphisms in Obesity Based on Three Different Studies. Obesity, 2002, 10, 782-791.	4.0	157
40	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	12.8	153
41	Familial Resemblance of Plasma Lipids, Lipoproteins and Postheparin Lipoprotein and Hepatic Lipases in the HERITAGE Family Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 3263-3269.	2.4	147
42	A Genome-Wide Scan for Abdominal Fat Assessed by Computed Tomography in the Quèbec Family Study. Diabetes, 2001, 50, 614-621.	0.6	145
43	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. Human Molecular Genetics, 2014, 23, 6961-6972.	2.9	143
44	Familial aggregation of physical activity levels in the Qu??bec family study. Medicine and Science in Sports and Exercise, 2002, 34, 1137-1142.	0.4	142
45	The Human Obesity Gene Map: The 2001 Update. Obesity, 2002, 10, 196-243.	4.0	134
46	Aerobic fitness, body mass index, and CVD risk factors among adolescents: the QuÃ©bec family study. International Journal of Obesity, 2005, 29, 1077-1083.	3.4	130
47	The Trp64Arg mutation of the beta3 adrenergic receptor gene has no effect on obesity phenotypes in the QuÃ©bec Family Study and Swedish Obese Subjects cohorts.. Journal of Clinical Investigation, 1996, 98, 2086-2093.	8.2	128
48	Gene-diet interactions in obesity. American Journal of Clinical Nutrition, 2000, 72, 1285s-1290s.	4.7	127
49	Risk Factors for Adult Overweight and Obesity in the Quebec Family Study: Have We Been Barking Up the Wrong Tree?. Obesity, 2009, 17, 1964-1970.	3.0	125
50	Heredity and Body Fat. Annual Review of Nutrition, 1988, 8, 259-277.	10.1	124
51	The Human Obesity Gene Map: The 1999 Update. Obesity, 2000, 8, 89-117.	4.0	123
52	Familial resemblance for abdominal visceral fat: the HERITAGE family study. International Journal of Obesity, 1997, 21, 1024-1031.	3.4	119
53	Associations between the Leptin Receptor Gene and Adiposity in Middle-Aged Caucasian Males from the HERITAGE Family Study1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 29-34.	3.6	118
54	Visceral Adipose Tissue Accumulation, Cardiorespiratory Fitness, and Features of the Metabolic Syndrome. Archives of Internal Medicine, 2007, 167, 1518.	3.8	118

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55	Guide for Current Nutrigenetic, Nutrigenomic, and Nutriepigenetic Approaches for Precision Nutrition Involving the Prevention and Management of Chronic Diseases Associated with Obesity. Journal of Nutrigenetics and Nutrigenomics, 2017, 10, 43-62.	1.3	118
56	Angiotensin-converting enzyme ID polymorphism and fitness phenotype in the HERITAGE Family Study. Journal of Applied Physiology, 2000, 88, 1029-1035.	2.5	112
57	Novel loci associated with usual sleep duration: the CHARGE Consortium Genome-Wide Association Study. Molecular Psychiatry, 2015, 20, 1232-1239.	7.9	112
58	Associations between the Leptin Receptor Gene and Adiposity in Middle-Aged Caucasian Males from the HERITAGE Family Study. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 29-34.	3.6	112
59	Advances in Exercise, Fitness, and Performance Genomics. Medicine and Science in Sports and Exercise, 2010, 42, 835-846.	0.4	111
60	Genome-wide search for genes related to the fat-free body mass in the QuÃ©bec family study. Metabolism: Clinical and Experimental, 2000, 49, 203-207.	3.4	109
61	A dopamine D2 receptor gene polymorphism and physical activity in two family studies. Physiology and Behavior, 2003, 78, 751-757.	2.1	108
62	Associations between dietary patterns and obesity phenotypes. International Journal of Obesity, 2009, 33, 1419-1426.	3.4	108
63	Hypertension in Obesity and the Leptin Receptor Gene Locus1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3126-3131.	3.6	107
64	Association between the PPARÎ±-L162V polymorphism and components of the metabolic syndrome. Journal of Human Genetics, 2004, 49, 482-489.	2.3	105
65	Linkages and associations between the leptin receptor (LEPR) gene and human body composition in the QuÃ©bec Family Study. International Journal of Obesity, 1999, 23, 278-286.	3.4	104
66	A Genomewide Linkage Scan for Abdominal Subcutaneous and Visceral Fat in Black and White Families: The HERITAGE Family Study. Diabetes, 2002, 51, 848-855.	0.6	103
67	Melanocortin-4 receptor gene and physical activity in the QuÃ©bec Family Study. International Journal of Obesity, 2005, 29, 420-428.	3.4	101
68	Genomic scan for genes affecting body composition before and after training in Caucasians from HERITAGE. Journal of Applied Physiology, 2001, 90, 1777-1787.	2.5	100
69	Characterization of Common UGT1A8, UGT1A9, and UGT2B7 Variants with Different Capacities to Inactivate Mutagenic 4-Hydroxylated Metabolites of Estradiol and Estrone. Cancer Research, 2006, 66, 125-133.	0.9	100
70	Familial aggregation of abdominal visceral fat level: Results from the Quebec family study. Metabolism: Clinical and Experimental, 1996, 45, 378-382.	3.4	99
71	A polymorphism of the 5â€²-flanking region of the glucocorticoid receptor gene locus is associated with basal cortisol secretion in men. Metabolism: Clinical and Experimental, 2000, 49, 1197-1199.	3.4	98
72	The Human Obesity Gene Map: The 2000 Update. Obesity, 2001, 9, 135-169.	4.0	97

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73	No Evidence of a Common DNA Variant Profile Specific to World Class Endurance Athletes. PLoS ONE, 2016, 11, e0147330.	2.5	96
74	Genetic and environmental sources of variation in physical fitness. Annals of Human Biology, 1987, 14, 425-434.	1.0	94
75	Hypertension in Obesity and the Leptin Receptor Gene Locus. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3126-3131.	3.6	93
76	Genomewide Linkage Scan of Resting Blood Pressure. Hypertension, 2002, 39, 1037-1043.	2.7	91
77	Influence of Nonsynonymous Polymorphisms of UGT1A8 and UGT2B7 Metabolizing Enzymes on the Formation of Phenolic and Acyl Glucuronides of Mycophenolic Acid. Drug Metabolism and Disposition, 2006, 34, 1539-1545.	3.3	91
78	Association between insulin secretion, insulin sensitivity and type 2 diabetes susceptibility variants identified in genome-wide association studies. Acta Diabetologica, 2009, 46, 217-226.	2.5	91
79	NOS3 Glu298Asp Genotype and Blood Pressure Response to Endurance Training. Hypertension, 2000, 36, 885-889.	2.7	87
80	The Human Obesity Gene Map: The 1997 Update. Obesity, 1998, 6, 76-92.	4.0	86
81	Familial aggregation of body mass index and subcutaneous fat measures in the longitudinal Quï¿½bec family study. , 1999, 16, 316-334.		84
82	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
83	Current Status of the Human Obesity Gene Map. Obesity, 1996, 4, 81-90.	4.0	83
84	Interactions among the Î±2-, Î²2-, and Î²3-adrenergic receptor genes and obesity-related phenotypes in the Quebec Family Study. Metabolism: Clinical and Experimental, 2000, 49, 1063-1070.	3.4	83
85	Neuromedin Î²: a strong candidate gene linking eating behaviors and susceptibility to obesity. American Journal of Clinical Nutrition, 2004, 80, 1478-1486.	4.7	83
86	Muscle-specific creatine kinase gene polymorphism and ??VO2max in the HERITAGE Family Study. Medicine and Science in Sports and Exercise, 1997, 29, 1311-1317.	0.4	81
87	Association and linkage between an insulin-like growth FACTOR-1 GENE polymorphism and fat free mass in the HERITAGE Family Study. International Journal of Obesity, 1999, 23, 929-935.	3.4	80
88	The human gene map for performance and health-related fitness phenotypes. Medicine and Science in Sports and Exercise, 2001, 33, 855-867.	0.4	79
89	A study of inbreeding and kinship in intracranial aneurysms in the Saguenay Lacâ€Saintâ€Jean region (Quebec, Canada). Annals of Human Genetics, 1996, 60, 99-104.	0.8	76
90	Common Polymorphisms in the Promoter of the Visfatin Gene (PBEF1) Influence Plasma Insulin Levels in a French-Canadian Population. Diabetes, 2006, 55, 2896-2902.	0.6	76

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91	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357.	12.8	74
92	Genome-wide association studies suggest sex-specific loci associated with abdominal and visceral fat. International Journal of Obesity, 2016, 40, 662-674.	3.4	74
93	Genome-Wide Linkage Scan for Physical Activity Levels in the Quebec Family Study. Medicine and Science in Sports and Exercise, 2003, 35, 1355-1359.	0.4	73
94	Age-related differences in inflammatory markers in men: contribution of visceral adiposity. Metabolism: Clinical and Experimental, 2009, 58, 1452-1458.	3.4	72
95	Findings from the Quebec Family Study on the Etiology of Obesity: Genetics and Environmental Highlights. Current Obesity Reports, 2014, 3, 54-66.	8.4	71
96	The Human Obesity Gene Map: The 1998 Update. Obesity, 1999, 7, 111-129.	4.0	70
97	AGT M235T and ACE ID polymorphisms and exercise blood pressure in the HERITAGE Family Study. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H368-H374.	3.2	69
98	Familial aggregation of submaximal aerobic performance in the HERITAGE Family study. Medicine and Science in Sports and Exercise, 2001, 33, 597-604.	0.4	69
99	An overview of obesityâ€specific quality of life questionnaires. Obesity Reviews, 2006, 7, 347-360.	6.5	66
100	Familial aggregation in physical fitness, coronary heart disease risk factors, and pulmonary function measurements. Preventive Medicine, 1987, 16, 607-615.	3.4	65
101	Advances in Exercise, Fitness, and Performance Genomics in 2010. Medicine and Science in Sports and Exercise, 2011, 43, 743-752.	0.4	64
102	Prediction of physical activity and physical work capacity (PWC150) in young adulthood from childhood and adolescence with consideration of parental measures. American Journal of Human Biology, 2001, 13, 190-196.	1.6	63
103	The utility of the international child and adolescent overweight guidelines for predicting coronary heart disease risk factors. Journal of Clinical Epidemiology, 2003, 56, 456-462.	5.0	63
104	The human gene map for performance and health-related fitness phenotypes: the 2004 update. Medicine and Science in Sports and Exercise, 2005, 37, 881-903.	0.4	63
105	Interactions among the glucocorticoid receptor, lipoprotein lipase and adrenergic receptor genes and abdominal fat in the QuÃ©bec Family Study. International Journal of Obesity, 2001, 25, 1332-1339.	3.4	62
106	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.	2.3	62
107	Meta-Analysis of the INSIG2 Association with Obesity Including 74,345 Individuals: Does Heterogeneity of Estimates Relate to Study Design?. PLoS Genetics, 2009, 5, e1000694.	3.5	62
108	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.	4.1	62

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109	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.	8.2	62
110	Relationships between body fatness, adipose tissue distribution and blood pressure in men and women*1. Journal of Clinical Epidemiology, 1988, 41, 889-897.	5.0	61
111	An Exploratory Investigation of Genetic Linkage with Body Composition and Fatness Phenotypes: The QuÃ©bec Family Study. Obesity, 1994, 2, 213-219.	4.0	61
112	Genotype-Environment Interaction in Human Obesity. Nutrition Reviews, 1999, 57, 31-38.	5.8	61
113	Improvements in glucose homeostasis in response to regular exercise are influenced by the PPARG Pro12Ala variant: results from the HERITAGE Family Study. Diabetologia, 2010, 53, 679-689.	6.3	61
114	Familial Aggregation of Blood Lipid Response to Exercise Training in the Health, Risk Factors, Exercise Training, and Genetics (HERITAGE) Family Study. Circulation, 2002, 105, 1904-1908.	1.6	60
115	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.	4.2	60
116	The Three-Factor Eating Questionnaire and BMI in adolescents: results from the QuÃ©bec Family Study. British Journal of Nutrition, 2010, 104, 1074-1079.	2.3	60
117	Association between a Î²2-adrenergic receptor polymorphism and elite endurance performance. Metabolism: Clinical and Experimental, 2007, 56, 1649-1651.	3.4	59
118	Linkage between a muscle-specific CK gene marker and &OV0312;O2max in the HERITAGE Family Study. Medicine and Science in Sports and Exercise, 1999, 31, 698-701.	0.4	59
119	Seven-year stability of indicators of obesity and adipose tissue distribution in the Canadian population. American Journal of Clinical Nutrition, 1999, 69, 1123-1129.	4.7	58
120	Role of genetic factors in childhood obesity and in susceptibility to dietary variations. Annals of Medicine, 1999, 31, 19-25.	3.8	57
121	Familial Aggregation of Exercise Heart Rate and Blood Pressure in Response to 20 Weeks of Endurance Training: The HERITAGE Family Study. International Journal of Sports Medicine, 2003, 24, 57-62.	1.7	57
122	Health-Related Quality of Life in Morbid Obesity. Obesity Surgery, 2006, 16, 574-579.	2.1	57
123	Positional identification of variants of Adamts16 linked to inherited hypertension. Human Molecular Genetics, 2009, 18, 2825-2838.	2.9	57
124	Familial Clustering of Insulin and Abdominal Visceral Fat: The HERITAGE Family Study. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 4239-4245.	3.6	57
125	Suggestive Linkages Between Markers on Human 1p32â€p22 and Body Fat and Insulin Levels in the QuÃ©bec Family Study. Obesity, 1997, 5, 115-121.	4.0	56
126	Familial Resemblance in Eating Behaviors in Men and Women from the Quebec Family Study. Obesity, 2005, 13, 1624-1629.	4.0	56

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127	Replication of 6 Obesity Genes in a Meta-Analysis of Genome-Wide Association Studies from Diverse Ancestries. PLoS ONE, 2014, 9, e96149.	2.5	56
128	The Human Gene Map for Performance and Health-Related Fitness Phenotypes: The 2002 Update. Medicine and Science in Sports and Exercise, 2003, 35, 1248-1264.	0.4	55
129	Ala67Thr polymorphism in the Agouti-related peptide gene is associated with inherited leanness in humans. , 2004, 126A, 267-271.		55
130	Advances in Exercise, Fitness, and Performance Genomics in 2011. Medicine and Science in Sports and Exercise, 2012, 44, 809-817.	0.4	55
131	DNA Polymorphisms in the Î±₂â€•and Î²₂ Adrenoceptor Genes and Regional Fat Distribution in Humans: Association and Linkage Studies. Obesity, 1995, 3, 249-255.	4.0	54
132	Uncoupling protein 3 gene is associated with body composition changes with training in HERITAGE study. Journal of Applied Physiology, 2002, 92, 1111-1118.	2.5	54
133	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.	4.6	54
134	Genetic Aspects of Obesity. Annals of the New York Academy of Sciences, 1993, 699, 26-35.	3.8	53
135	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.	6.2	53
136	The Alpha2-Adrenergic Receptor Gene and Body Fat Content and Distribution: The HERITAGE Family Study. Molecular Medicine, 2002, 8, 88-94.	4.4	53
137	What is a Normal Glucose Value?: Differences in indexes of plasma glucose homeostasis in subjects with normal fasting glucose. Diabetes Care, 2004, 27, 2470-2477.	8.6	53
138	Adiponectin and adiponectin receptor gene variants in relation to resting metabolic rate, respiratory quotient, and adiposity-related phenotypes in the QuÃ©bec Family Study. American Journal of Clinical Nutrition, 2007, 85, 26-34.	4.7	53
139	A common haplotype and the Pro582Ser polymorphism of the hypoxia-inducible factor-1Î± (HIF1A) gene in elite endurance athletes. Journal of Applied Physiology, 2010, 108, 1497-1500.	2.5	53
140	Familial Risk of Obesity and Central Adipose Tissue Distribution in the General Canadian Population. American Journal of Epidemiology, 1999, 149, 933-942.	3.4	52
141	Long-Term Adiposity Changes Are Related to a Glucocorticoid Receptor Polymorphism in Young Females. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3141-3145.	3.6	52
142	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.	3.0	52
143	Advances in Exercise, Fitness, and Performance Genomics in 2015. Medicine and Science in Sports and Exercise, 2016, 48, 1906-1916.	0.4	52
144	Cardiovascular risk factors in a french canadian population: Resolution of genetic and familial environmental effects on blood pressure using twins, adoptees, and extensive information on environmental correlates. Genetic Epidemiology, 1989, 6, 571-588.	1.3	51

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145	Familial Clustering of Insulin and Abdominal Visceral Fat: The HERITAGE Family Study1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 4239-4245.	3.6	51
146	Familial resemblance in fatness and fat distribution. , 2000, 12, 395-404.		51
147	Low Cardiorespiratory Fitness Levels and Elevated Blood Pressure. Hypertension, 2009, 54, 91-97.	2.7	51
148	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.	4.6	51
149	Association between yogurt consumption, dietary patterns, and cardio-metabolic risk factors. European Journal of Nutrition, 2016, 55, 577-587.	3.9	51
150	The Human Obesity Gene Map: The 1996 Update. Obesity, 1997, 5, 49-61.	4.0	50
151	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.	3.4	50
152	Body Composition, Cardiorespiratory Fitness, and Low-Grade Inflammation in Middle-Aged Men and Women. American Journal of Cardiology, 2009, 104, 240-246.	1.6	50
153	Advances in Exercise, Fitness, and Performance Genomics in 2012. Medicine and Science in Sports and Exercise, 2013, 45, 824-831.	0.4	50
154	Familial aggregation of resting blood pressure and heart rate in a sedentary population The heritage family study. American Journal of Hypertension, 1999, 12, 264-270.	2.0	49
155	No association between resting metabolic rate or respiratory exchange ratio and subsequent changes in body mass and fatness: 5Â½ year follow-up of the QuÃ©bec Family Study. European Journal of Clinical Nutrition, 2000, 54, 610-614.	2.9	49
156	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.	4.2	49
157	The Human Gene Map for Performance and Health-Related Fitness Phenotypes: The 2003 Update. Medicine and Science in Sports and Exercise, 2004, 36, 1451-1469.	0.4	49
158	Muscle-specific creatine kinase gene polymorphisms in elite endurance athletes and sedentary controls. Medicine and Science in Sports and Exercise, 1997, 29, 1444-1447.	0.4	49
159	The human gene map for performance and health-related fitness phenotypes: the 2001 update. Medicine and Science in Sports and Exercise, 2002, 34, 1219-1233.	0.4	48
160	Associations Between Dietary Protein Sources, Plasma BCAA and Short-Chain Acylcarnitine Levels in Adults. Nutrients, 2019, 11, 173.	4.1	47
161	A polymorphism in the alpha2a-adrenoceptor gene and endurance athlete status. Medicine and Science in Sports and Exercise, 2000, 32, 1709-1712.	0.4	46
162	Familial correlations in the QuÃ©bec family study: cross-trait familial resemblance for body fat with plasma glucose and insulin. Diabetologia, 1996, 39, 1357-1364.	6.3	45

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163	Is adiposity at normal body weight relevant for cardiovascular disease risk?. International Journal of Obesity, 2002, 26, 176-183.	3.4	44
164	Association of Lipin 1 Gene Polymorphisms with Measures of Energy and Glucose Metabolism. Obesity, 2007, 15, 2723-2732.	3.0	44
165	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.	7.9	44
166	Segregation Analysis of Abdominal Visceral Fat: The HERITAGE Family Study. Obesity, 1997, 5, 417-424.	4.0	43
167	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.	1.1	43
168	Differential methylation in visceral adipose tissue of obese men discordant for metabolic disturbances. Physiological Genomics, 2014, 46, 216-222.	2.3	43
169	Heredity and Trainability of Aerobic and Anaerobic Performances. Sports Medicine, 1988, 5, 69-73.	6.5	42
170	Familial aggregation of obesity, candidate genes and quantitative trait loci. Current Opinion in Lipidology, 1997, 8, 205-211.	2.7	42
171	The Na+-K+-ATPase Î±2 gene and trainability of cardiorespiratory endurance: the HERITAGE Family Study. Journal of Applied Physiology, 2000, 88, 346-351.	2.5	42
172	Familial resemblance for free androgens and androgen glucuronides in sedentary black and white individuals: the HERITAGE Family Study. Health, Risk Factors, Exercise Training and Genetics. Journal of Endocrinology, 2001, 170, 485-492.	2.6	42
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