

# Louis Perusse

## 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.

360  
papers

24,405  
citations

76  
h-index

143  
g-index

376  
ext. papers

27,735  
ext. citations

5.8  
avg, IF

6.09  
L-index

#	Paper	IF	Citations
360	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , <b>2015</b> , 518, 197-206	50.4	2687
359	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , <b>2014</b> , 46, 1173-86	36.3	1339
358	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196	50.4	920
357	The human obesity gene map: the 2005 update. <i>Obesity</i> , <b>2006</b> , 14, 529-644	8	825
356	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , <b>2012</b> , 44, 659-69	36.3	615
355	Familial aggregation of VO <sub>2</sub> max response to exercise training: results from the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 1003-8	3.7	600
354	Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. <i>PLoS Medicine</i> , <b>2011</b> , 8, e1001116	11.6	379
353	Waist and hip circumferences have independent and opposite effects on cardiovascular disease risk factors: the Quebec Family Study. <i>American Journal of Clinical Nutrition</i> , <b>2001</b> , 74, 315-21	7	377
352	The human gene map for performance and health-related fitness phenotypes: the 2006-2007 update. <i>Medicine and Science in Sports and Exercise</i> , <b>2009</b> , 41, 35-73	1.2	337
351	Familial resemblance for VO <sub>2</sub> max in the sedentary state: the HERITAGE family study. <i>Medicine and Science in Sports and Exercise</i> , <b>1998</b> , 30, 252-8	1.2	327
350	The prediction of abdominal visceral fat level from body composition and anthropometry: ROC analysis. <i>International Journal of Obesity</i> , <b>1999</b> , 23, 801-9	5.5	277
349	Genetic and environmental influences on level of habitual physical activity and exercise participation. <i>American Journal of Epidemiology</i> , <b>1989</b> , 129, 1012-22	3.8	259
348	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> , <b>2015</b> , 11, e1005378	6	220
347	Genome-wide linkage analysis of systolic and diastolic blood pressure: the Québec Family Study. <i>Circulation</i> , <b>2000</b> , 102, 1956-63	16.7	213
346	Aerobic performance in brothers, dizygotic and monozygotic twins. <i>Medicine and Science in Sports and Exercise</i> , <b>1986</b> , 18, 639-646	1.2	208
345	Set points, settling points and some alternative models: theoretical options to understand how genes and environments combine to regulate body adiposity. <i>DMM Disease Models and Mechanisms</i> , <b>2011</b> , 4, 733-45	4.1	206
344	The human obesity gene map: the 2003 update. <i>Obesity</i> , <b>2004</b> , 12, 369-439		200

343	The human obesity gene map: the 2004 update. <i>Obesity</i> , <b>2005</b> , 13, 381-490		199
342	Linkage between markers in the vicinity of the uncoupling protein 2 gene and resting metabolic rate in humans. <i>Human Molecular Genetics</i> , <b>1997</b> , 6, 1887-9	5.6	195
341	Stability of indicators of the metabolic syndrome from childhood and adolescence to young adulthood: the QuBec Family Study. <i>Journal of Clinical Epidemiology</i> , <b>2001</b> , 54, 190-5	5.7	192
340	Acute and chronic effects of exercise on leptin levels in humans. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 5-10	3.7	189
339	Genetic variants of FTO influence adiposity, insulin sensitivity, leptin levels, and resting metabolic rate in the Quebec Family Study. <i>Diabetes</i> , <b>2008</b> , 57, 1147-50	0.9	184
338	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , <b>2016</b> , 7, 10495	17.4	180
337	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. <i>Journal of Clinical Investigation</i> , <b>1997</b> , 100, 1240-7	15.9	179
336	A glucocorticoid receptor gene marker is associated with abdominal obesity, leptin, and dysregulation of the hypothalamic-pituitary-adrenal axis. <i>Obesity</i> , <b>2000</b> , 8, 211-8		175
335	Differential epigenomic and transcriptomic responses in subcutaneous adipose tissue between low and high responders to caloric restriction. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 91, 309-20	7	171
334	Genomic scan for maximal oxygen uptake and its response to training in the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , <b>2000</b> , 88, 551-9	3.7	157
333	No association between the angiotensin-converting enzyme ID polymorphism and elite endurance athlete status. <i>Journal of Applied Physiology</i> , <b>2000</b> , 88, 1571-5	3.7	155
332	The human obesity gene map: the 2002 update. <i>Obesity</i> , <b>2003</b> , 11, 313-67		151
331	Linkage and Association Studies between the Melanocortin Receptors 4 and 5 Genes and Obesity-Related Phenotypes in the QuBec Family Study. <i>Molecular Medicine</i> , <b>1997</b> , 3, 663-673	6.2	150
330	Abdominal visceral fat is associated with a BclI restriction fragment length polymorphism at the glucocorticoid receptor gene locus. <i>Obesity</i> , <b>1997</b> , 5, 186-92		145
329	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> , <b>2003</b> , 63, 109-16	4	140
328	Sex differences in inflammatory markers: what is the contribution of visceral adiposity?. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 89, 1307-14	7	136
327	A genome-wide scan for abdominal fat assessed by computed tomography in the QuBec Family Study. <i>Diabetes</i> , <b>2001</b> , 50, 614-21	0.9	135
326	Familial resemblance of plasma lipids, lipoproteins and postheparin lipoprotein and hepatic lipases in the HERITAGE Family Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1997</b> , 17, 3263-9	9.4	134

325	Role of ghrelin polymorphisms in obesity based on three different studies. <i>Obesity</i> , <b>2002</b> , 10, 782-91		133
324	Familial aggregation of physical activity levels in the Qubec Family Study. <i>Medicine and Science in Sports and Exercise</i> , <b>2002</b> , 34, 1137-42	1.2	122
323	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6961-72	5.6	120
322	The human gene map for performance and health-related fitness phenotypes: the 2005 update. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, 1863-88	1.2	120
321	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , <b>2015</b> , 523, 459-463	5.4	119
320	Heredity and body fat. <i>Annual Review of Nutrition</i> , <b>1988</b> , 8, 259-77	9.9	113
319	Risk factors for adult overweight and obesity in the Quebec Family Study: have we been barking up the wrong tree?. <i>Obesity</i> , <b>2009</b> , 17, 1964-70	8	110
318	The human obesity gene map: the 2001 update. <i>Obesity</i> , <b>2002</b> , 10, 196-243		108
317	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , <b>2016</b> , 7, 10494	17.4	107
316	Associations between the leptin receptor gene and adiposity in middle-aged Caucasian males from the HERITAGE family study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 29-34	5.6	107
315	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , <b>2017</b> , 8, 14977	17.4	105
314	Associations between the Leptin Receptor Gene and Adiposity in Middle-Aged Caucasian Males from the HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 29-34	5.6	104
313	The human obesity gene map: the 1999 update. <i>Obesity</i> , <b>2000</b> , 8, 89-117		103
312	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006528	6	103
311	Angiotensin-converting enzyme ID polymorphism and fitness phenotype in the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , <b>2000</b> , 88, 1029-35	3.7	102
310	Genome-wide search for genes related to the fat-free body mass in the Qubec family study. <i>Metabolism: Clinical and Experimental</i> , <b>2000</b> , 49, 203-7	12.7	102
309	Gene-diet interactions in obesity. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 72, 1285S-1290S	7	100
308	Aerobic fitness, body mass index, and CVD risk factors among adolescents: the Qubec family study. <i>International Journal of Obesity</i> , <b>2005</b> , 29, 1077-83	5.5	97

307	Hypertension in obesity and the leptin receptor gene locus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 3126-31	5.6	97
306	Familial resemblance for abdominal visceral fat: the HERITAGE family study. <i>International Journal of Obesity</i> , <b>1997</b> , 21, 1024-31	5.5	96
305	A dopamine D2 receptor gene polymorphism and physical activity in two family studies. <i>Physiology and Behavior</i> , <b>2003</b> , 78, 751-7	3.5	93
304	Genomic scan for genes affecting body composition before and after training in Caucasians from HERITAGE. <i>Journal of Applied Physiology</i> , <b>2001</b> , 90, 1777-87	3.7	93
303	The Trp64Arg mutation of the beta3 adrenergic receptor gene has no effect on obesity phenotypes in the QuBec Family Study and Swedish Obese Subjects cohorts. <i>Journal of Clinical Investigation</i> , <b>1996</b> , 98, 2086-93	15.9	93
302	Association between the PPARalpha-L162V polymorphism and components of the metabolic syndrome. <i>Journal of Human Genetics</i> , <b>2004</b> , 49, 482-489	4.3	92
301	Melanocortin-4 receptor gene and physical activity in the QuBec Family Study. <i>International Journal of Obesity</i> , <b>2005</b> , 29, 420-8	5.5	92
300	A genomewide linkage scan for abdominal subcutaneous and visceral fat in black and white families: The HERITAGE Family Study. <i>Diabetes</i> , <b>2002</b> , 51, 848-55	0.9	92
299	Advances in exercise, fitness, and performance genomics. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 835-46	1.2	91
298	Characterization of common UGT1A8, UGT1A9, and UGT2B7 variants with different capacities to inactivate mutagenic 4-hydroxylated metabolites of estradiol and estrone. <i>Cancer Research</i> , <b>2006</b> , 66, 125-33	10.1	91
297	Visceral adipose tissue accumulation, cardiorespiratory fitness, and features of the metabolic syndrome. <i>Archives of Internal Medicine</i> , <b>2007</b> , 167, 1518-25		91
296	A polymorphism of the 5Pflanking region of the glucocorticoid receptor gene locus is associated with basal cortisol secretion in men. <i>Metabolism: Clinical and Experimental</i> , <b>2000</b> , 49, 1197-9	12.7	87
295	Familial aggregation of abdominal visceral fat level: results from the Quebec family study. <i>Metabolism: Clinical and Experimental</i> , <b>1996</b> , 45, 378-82	12.7	87
294	Hypertension in Obesity and the Leptin Receptor Gene Locus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 3126-3131	5.6	87
293	Linkages and associations between the leptin receptor (LEPR) gene and human body composition in the QuBec Family Study. <i>International Journal of Obesity</i> , <b>1999</b> , 23, 278-86	5.5	86
292	Influence of nonsynonymous polymorphisms of UGT1A8 and UGT2B7 metabolizing enzymes on the formation of phenolic and acyl glucuronides of mycophenolic acid. <i>Drug Metabolism and Disposition</i> , <b>2006</b> , 34, 1539-45	4	84
291	Genomewide linkage scan of resting blood pressure: HERITAGE Family Study. Health, Risk Factors, Exercise Training, and Genetics. <i>Hypertension</i> , <b>2002</b> , 39, 1037-43	8.5	82
290	Association between insulin secretion, insulin sensitivity and type 2 diabetes susceptibility variants identified in genome-wide association studies. <i>Acta Diabetologica</i> , <b>2009</b> , 46, 217-26	3.9	81

289	Guide for Current Nutrigenetic, Nutrigenomic, and Nutriepigenetic Approaches for Precision Nutrition Involving the Prevention and Management of Chronic Diseases Associated with Obesity. <i>Journal of Nutrigenetics and Nutrigenomics</i> , <b>2017</b> , 10, 43-62		80
288	NOS3 Glu298Asp genotype and blood pressure response to endurance training: the HERITAGE family study. <i>Hypertension</i> , <b>2000</b> , 36, 885-9	8.5	79
287	Associations between dietary patterns and obesity phenotypes. <i>International Journal of Obesity</i> , <b>2009</b> , 33, 1419-26	5.5	78
286	Genetic and environmental sources of variation in physical fitness. <i>Annals of Human Biology</i> , <b>1987</b> , 14, 425-34	1.7	77
285	Novel loci associated with usual sleep duration: the CHARGE Consortium Genome-Wide Association Study. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 1232-9	15.1	76
284	The human obesity gene map: the 2000 update. <i>Obesity</i> , <b>2001</b> , 9, 135-69		75
283	Interactions among the alpha2-, beta2-, and beta3-adrenergic receptor genes and obesity-related phenotypes in the Quebec Family Study. <i>Metabolism: Clinical and Experimental</i> , <b>2000</b> , 49, 1063-70	12.7	75
282	No Evidence of a Common DNA Variant Profile Specific to World Class Endurance Athletes. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147330	3.7	74
281	Association and linkage between an insulin-like growth factor-1 gene polymorphism and fat free mass in the HERITAGE Family Study. <i>International Journal of Obesity</i> , <b>1999</b> , 23, 929-35	5.5	73
280	Familial aggregation of body mass index and subcutaneous fat measures in the longitudinal QuBec family study. <i>Genetic Epidemiology</i> , <b>1999</b> , 16, 316-34	2.6	72
279	Current status of the human obesity gene map. <i>Obesity</i> , <b>1996</b> , 4, 81-90		70
278	Neuromedin beta: a strong candidate gene linking eating behaviors and susceptibility to obesity. <i>American Journal of Clinical Nutrition</i> , <b>2004</b> , 80, 1478-86	7	67
277	The human obesity gene map: the 1997 update. <i>Obesity</i> , <b>1998</b> , 6, 76-92		66
276	A study of inbreeding and kinship in intracranial aneurysms in the Saguenay Lac-Saint-Jean region (Quebec, Canada). <i>Annals of Human Genetics</i> , <b>1996</b> , 60, 99-104	2.2	66
275	Common polymorphisms in the promoter of the visfatin gene (PBEF1) influence plasma insulin levels in a French-Canadian population. <i>Diabetes</i> , <b>2006</b> , 55, 2896-902	0.9	64
274	Genome-wide linkage scan for physical activity levels in the Quebec Family study. <i>Medicine and Science in Sports and Exercise</i> , <b>2003</b> , 35, 1355-9	1.2	63
273	AGT M235T and ACE ID polymorphisms and exercise blood pressure in the HERITAGE Family Study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 279, H368-74	5.2	62
272	The human gene map for performance and health-related fitness phenotypes. <i>Medicine and Science in Sports and Exercise</i> , <b>2001</b> , 33, 855-67	1.2	62

271	Familial aggregation of submaximal aerobic performance in the HERITAGE Family study. <i>Medicine and Science in Sports and Exercise</i> , <b>2001</b> , 33, 597-604	1.2	62
270	Muscle-specific creatine kinase gene polymorphism and VO2max in the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , <b>1997</b> , 29, 1311-7	1.2	60
269	Findings from the Quebec Family Study on the Etiology of Obesity: Genetics and Environmental Highlights. <i>Current Obesity Reports</i> , <b>2014</b> , 3, 54-66	8.4	59
268	Age-related differences in inflammatory markers in men: contribution of visceral adiposity. <i>Metabolism: Clinical and Experimental</i> , <b>2009</b> , 58, 1452-8	12.7	58
267	Interactions among the glucocorticoid receptor, lipoprotein lipase and adrenergic receptor genes and abdominal fat in the Québec Family Study. <i>International Journal of Obesity</i> , <b>2001</b> , 25, 1332-9	5.5	58
266	Familial aggregation in physical fitness, coronary heart disease risk factors, and pulmonary function measurements. <i>Preventive Medicine</i> , <b>1987</b> , 16, 607-15	4.3	58
265	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> , <b>2004</b> , 49, 424-432	4.3	57
264	The human obesity gene map: the 1998 update. <i>Obesity</i> , <b>1999</b> , 7, 111-29		57
263	An overview of obesity-specific quality of life questionnaires. <i>Obesity Reviews</i> , <b>2006</b> , 7, 347-60	10.6	56
262	Prediction of physical activity and physical work capacity (PWC150) in young adulthood from childhood and adolescence with consideration of parental measures. <i>American Journal of Human Biology</i> , <b>2001</b> , 13, 190-6	2.7	56
261	Advances in exercise, fitness, and performance genomics in 2010. <i>Medicine and Science in Sports and Exercise</i> , <b>2011</b> , 43, 743-52	1.2	55
260	Genome-wide linkage scan reveals multiple susceptibility loci influencing lipid and lipoprotein levels in the Quebec Family Study. <i>Journal of Lipid Research</i> , <b>2004</b> , 45, 419-26	6.3	55
259	The human gene map for performance and health-related fitness phenotypes: the 2004 update. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 881-903	1.2	55
258	Meta-analysis of the INSIG2 association with obesity including 74,345 individuals: does heterogeneity of estimates relate to study design?. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000694	6	54
257	Ala67Thr polymorphism in the Agouti-related peptide gene is associated with inherited leanness in humans <b>2004</b> , 126A, 267-71		54
256	Relationships between body fatness, adipose tissue distribution and blood pressure in men and women. <i>Journal of Clinical Epidemiology</i> , <b>1988</b> , 41, 889-97	5.7	54
255	Positional identification of variants of Adamts16 linked to inherited hypertension. <i>Human Molecular Genetics</i> , <b>2009</b> , 18, 2825-38	5.6	52
254	Improvements in glucose homeostasis in response to regular exercise are influenced by the PPARG Pro12Ala variant: results from the HERITAGE Family Study. <i>Diabetologia</i> , <b>2010</b> , 53, 679-89	10.3	52



253	The utility of the international child and adolescent overweight guidelines for predicting coronary heart disease risk factors. <i>Journal of Clinical Epidemiology</i> , <b>2003</b> , 56, 456-62	5.7	52
252	Seven-year stability of indicators of obesity and adipose tissue distribution in the Canadian population. <i>American Journal of Clinical Nutrition</i> , <b>1999</b> , 69, 1123-9	7	52
251	Genome-wide association studies suggest sex-specific loci associated with abdominal and visceral fat. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 662-74	5.5	51
250	LINE-1 methylation in visceral adipose tissue of severely obese individuals is associated with metabolic syndrome status and related phenotypes. <i>Clinical Epigenetics</i> , <b>2012</b> , 4, 10	7.7	51
249	Familial aggregation of blood lipid response to exercise training in the health, risk factors, exercise training, and genetics (HERITAGE) Family Study. <i>Circulation</i> , <b>2002</b> , 105, 1904-8	16.7	51
248	Familial Clustering of Insulin and Abdominal Visceral Fat: The HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 4239-4245	5.6	51
247	Health-related quality of life in morbid obesity. <i>Obesity Surgery</i> , <b>2006</b> , 16, 574-9	3.7	50
246	The Three-Factor Eating Questionnaire and BMI in adolescents: results from the Qubec family study. <i>British Journal of Nutrition</i> , <b>2010</b> , 104, 1074-9	3.6	49
245	The Alpha2-Adrenergic Receptor Gene and Body Fat Content and Distribution: The HERITAGE Family Study. <i>Molecular Medicine</i> , <b>2002</b> , 8, 88-94	6.2	49
244	Advances in exercise, fitness, and performance genomics in 2011. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 809-17	1.2	48
243	Adiponectin and adiponectin receptor gene variants in relation to resting metabolic rate, respiratory quotient, and adiposity-related phenotypes in the Quebec Family Study. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 85, 26-34	7	48
242	What is a normal glucose value? Differences in indexes of plasma glucose homeostasis in subjects with normal fasting glucose. <i>Diabetes Care</i> , <b>2004</b> , 27, 2470-7	14.6	48
241	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> , <b>2000</b> , 66, 1558-68	11	48
240	An exploratory investigation of genetic linkage with body composition and fatness phenotypes: the Qubec Family Study. <i>Obesity</i> , <b>1994</b> , 2, 213-9		48
239	The human gene map for performance and health-related fitness phenotypes: the 2002 update. <i>Medicine and Science in Sports and Exercise</i> , <b>2003</b> , 35, 1248-64	1.2	47
238	Familial resemblance in eating behaviors in men and women from the Quebec Family Study. <i>Obesity</i> , <b>2005</b> , 13, 1624-9		47
237	Linkage between a muscle-specific CK gene marker and VO2max in the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , <b>1999</b> , 31, 698-701	1.2	47
236	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , <b>2016</b> , 7, 13357	17.4	46



235	Familial aggregation of exercise heart rate and blood pressure in response to 20 weeks of endurance training: the HERITAGE family study. <i>International Journal of Sports Medicine</i> , <b>2003</b> , 24, 57-62	3.6	46
234	The human gene map for performance and health-related fitness phenotypes: the 2003 update. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 1451-69	1.2	46
233	DNA polymorphisms in the alpha 2- and beta 2-adrenoceptor genes and regional fat distribution in humans: association and linkage studies. <i>Obesity</i> , <b>1995</b> , 3, 249-55		46
232	Genetic aspects of obesity. <i>Annals of the New York Academy of Sciences</i> , <b>1993</b> , 699, 26-35	6.5	46
231	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> , <b>1994</b> , 93, 838-43	15.9	46
230	Replication of 6 obesity genes in a meta-analysis of genome-wide association studies from diverse ancestries. <i>PLoS ONE</i> , <b>2014</b> , 9, e96149	3.7	45
229	Body composition, cardiorespiratory fitness, and low-grade inflammation in middle-aged men and women. <i>American Journal of Cardiology</i> , <b>2009</b> , 104, 240-6	3	45
228	Genotype-environment interaction in human obesity. <i>Nutrition Reviews</i> , <b>1999</b> , 57, S31-7; discussion S37-8	6.4	45
227	Long-term adiposity changes are related to a glucocorticoid receptor polymorphism in young females. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 3141-5	5.6	45
226	Familial resemblance in fatness and fat distribution. <i>American Journal of Human Biology</i> , <b>2000</b> , 12, 395-404	4.7	45
225	Familial clustering of insulin and abdominal visceral fat: the HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 4239-45	5.6	45
224	Advances in exercise, fitness, and performance genomics in 2012. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 824-31	1.2	44
223	Association between a beta2-adrenergic receptor polymorphism and elite endurance performance. <i>Metabolism: Clinical and Experimental</i> , <b>2007</b> , 56, 1649-51	12.7	43
222	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> , <b>2003</b> , 44, 1902-8	6.3	43
221	Uncoupling protein 3 gene is associated with body composition changes with training in HERITAGE study. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 1111-8	3.7	43
220	Suggestive linkages between markers on human 1p32-p22 and body fat and insulin levels in the Quebec Family Study. <i>Obesity</i> , <b>1997</b> , 5, 115-21		42
219	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> , <b>2007</b> , 31, 411-7	5.5	42
218	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> , <b>2004</b> , 82, 296-303	3.7	42

217	The human gene map for performance and health-related fitness phenotypes: the 2001 update. <i>Medicine and Science in Sports and Exercise</i> , <b>2002</b> , 34, 1219-33	1.2	42
216	Familial risk of obesity and central adipose tissue distribution in the general Canadian population. <i>American Journal of Epidemiology</i> , <b>1999</b> , 149, 933-42	3.8	42
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