

Claude Bouchard

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2417645/clause-bouchard-publications-by-citations.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

743
papers

60,873
citations

110
h-index

221
g-index

775
ext. papers

68,406
ext. citations

6.6
avg, IF

7.3
L-index

#	Paper	IF	Citations
743	Effects of bariatric surgery on mortality in Swedish obese subjects. <i>New England Journal of Medicine</i> , 2007 , 357, 741-52	59.2	3425
742	Lifestyle, diabetes, and cardiovascular risk factors 10 years after bariatric surgery. <i>New England Journal of Medicine</i> , 2004 , 351, 2683-93	59.2	3386
741	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
740	Waist circumference and abdominal sagittal diameter: best simple anthropometric indexes of abdominal visceral adipose tissue accumulation and related cardiovascular risk in men and women. <i>American Journal of Cardiology</i> , 1994 , 73, 460-8	3	1501
739	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
738	Bariatric surgery and long-term cardiovascular events. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 56-65	27.4	1069
737	Sitting time and mortality from all causes, cardiovascular disease, and cancer. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 998-1005	1.2	1019
736	The response to long-term overfeeding in identical twins. <i>New England Journal of Medicine</i> , 1990 , 322, 1477-82	59.2	979
735	Growth, Maturation, and Physical Activity 2004 ,		970
734	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
733	The human obesity gene map: the 2005 update. <i>Obesity</i> , 2006 , 14, 529-644	8	825
732	Trends over 5 decades in U.S. occupation-related physical activity and their associations with obesity. <i>PLoS ONE</i> , 2011 , 6, e19657	3.7	735
731	Association of bariatric surgery with long-term remission of type 2 diabetes and with microvascular and macrovascular complications. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 2297-304	37.4	652
730	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
729	Familial aggregation of VO(2max) response to exercise training: results from the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 1999 , 87, 1003-8	3.7	600
728	Bariatric surgery and prevention of type 2 diabetes in Swedish obese subjects. <i>New England Journal of Medicine</i> , 2012 , 367, 695-704	59.2	567
727	Individual differences in response to regular physical activity. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, S446-51; discussion S452-3	1.2	557

726	Effects of bariatric surgery on cancer incidence in obese patients in Sweden (Swedish Obese Subjects Study): a prospective, controlled intervention trial. <i>Lancet Oncology, The</i> , 2009 , 10, 653-62	21.7	548
725	Biological interpretation of genome-wide association studies using predicted gene functions. <i>Nature Communications</i> , 2015 , 6, 5890	17.4	489
724	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> , 2011 , 8, e1001116	11.6	379
723	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> , 2001 , 74, 315-21	7	377
722	Genetic and nongenetic determinants of regional fat distribution. <i>Endocrine Reviews</i> , 1993 , 14, 72-93	27.2	371
721	β-Aminoisobutyric acid induces browning of white fat and hepatic β-oxidation and is inversely correlated with cardiometabolic risk factors. <i>Cell Metabolism</i> , 2014 , 19, 96-108	24.6	369
720	Short sleep duration is associated with reduced leptin levels and increased adiposity: Results from the Quebec family study. <i>Obesity</i> , 2007 , 15, 253-61	8	368
719	The human gene map for performance and health-related fitness phenotypes: the 2006-2007 update. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 35-73	1.2	337
718	Familial resemblance for VO ₂ max in the sedentary state: the HERITAGE family study. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 252-8	1.2	327
717	The relationship of waist circumference and BMI to visceral, subcutaneous, and total body fat: sex and race differences. <i>Obesity</i> , 2011 , 19, 402-8	8	314
716	Assessment of adipose tissue distribution by computed axial tomography in obese women: association with body density and anthropometric measurements. <i>British Journal of Nutrition</i> , 1989 , 61, 139-48	3.6	314
715	Race, visceral adipose tissue, plasma lipids, and lipoprotein lipase activity in men and women: the Health, Risk Factors, Exercise Training, and Genetics (HERITAGE) family study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 1932-8	9.4	300
714	Body mass index, waist circumference, and clustering of cardiovascular disease risk factors in a biracial sample of children and adolescents. <i>Pediatrics</i> , 2004 , 114, e198-205	7.4	281
713	The prediction of abdominal visceral fat level from body composition and anthropometry: ROC analysis. <i>International Journal of Obesity</i> , 1999 , 23, 801-9	5.5	277
712	Genomic predictors of the maximal O ₂ uptake response to standardized exercise training programs. <i>Journal of Applied Physiology</i> , 2011 , 110, 1160-70	3.7	275
711	The association between sleep duration and weight gain in adults: a 6-year prospective study from the Quebec Family Study. <i>Sleep</i> , 2008 , 31, 517-23	1.1	274
710	Effects of exercise training on glucose homeostasis: the HERITAGE Family Study. <i>Diabetes Care</i> , 2005 , 28, 108-14	14.6	265
709	Genetic and environmental influences on level of habitual physical activity and exercise participation. <i>American Journal of Epidemiology</i> , 1989 , 129, 1012-22	3.8	259

708	Using molecular classification to predict gains in maximal aerobic capacity following endurance exercise training in humans. <i>Journal of Applied Physiology</i> , 2010 , 108, 1487-96	3.7	252
707	Targeting the metabolic syndrome with exercise: evidence from the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1703-9	1.2	250
706	Adverse metabolic response to regular exercise: is it a rare or common occurrence?. <i>PLoS ONE</i> , 2012 , 7, e37887	3.7	245
705	Understanding the Cellular and Molecular Mechanisms of Physical Activity-Induced Health Benefits. <i>Cell Metabolism</i> , 2015 , 22, 4-11	24.6	238
704	Impact of exercise intensity on body fatness and skeletal muscle metabolism. <i>Metabolism: Clinical and Experimental</i> , 1994 , 43, 814-8	12.7	228
703	Aims, design, and measurement protocol. <i>Medicine and Science in Sports and Exercise</i> , 1995 , 27, 721??729.2	225	
702	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
701	Calcium intake, body composition, and lipoprotein-lipid concentrations in adults. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 1448-52	7	220
700	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013 , 45, 621-31	36.3	219
699	Effects of endurance exercise training on plasma HDL cholesterol levels depend on levels of triglycerides: evidence from men of the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 1226-32	9.4	216
698	The response to exercise with constant energy intake in identical twins. <i>Obesity</i> , 1994 , 2, 400-10		215
697	Genome-wide linkage analysis of systolic and diastolic blood pressure: the QuBec Family Study. <i>Circulation</i> , 2000 , 102, 1956-63	16.7	213
696	Aerobic performance in brothers, dizygotic and monozygotic twins. <i>Medicine and Science in Sports and Exercise</i> , 1986 , 18, 639??646	1.2	208
695	Combined influence of body mass index and waist circumference on coronary artery disease risk factors among children and adolescents. <i>Pediatrics</i> , 2005 , 115, 1623-30	7.4	205
694	Physical Activity, Fitness, and Health. <i>Medicine and Science in Sports and Exercise</i> , 1994 , 26, 119	1.2	204
693	The human obesity gene map: the 2003 update. <i>Obesity</i> , 2004 , 12, 369-439		200
692	The human obesity gene map: the 2004 update. <i>Obesity</i> , 2005 , 13, 381-490		199
691	Linkage between markers in the vicinity of the uncoupling protein 2 gene and resting metabolic rate in humans. <i>Human Molecular Genetics</i> , 1997 , 6, 1887-9	5.6	195

690	Stability of indicators of the metabolic syndrome from childhood and adolescence to young adulthood: the Quebec Family Study. <i>Journal of Clinical Epidemiology</i> , 2001 , 54, 190-5	5.7	192
689	Evidence for a regional component of body fatness in the association with serum lipids in men and women. <i>Metabolism: Clinical and Experimental</i> , 1985 , 34, 967-73	12.7	190
688	Acute and chronic effects of exercise on leptin levels in humans. <i>Journal of Applied Physiology</i> , 1997 , 83, 5-10	3.7	189
687	Stromelysin-1 and interleukin-6 gene promoter polymorphisms are determinants of asymptomatic carotid artery atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 2657-62	9.4	189
686	Prevalence of risk factors for metabolic syndrome in adolescents: National Health and Nutrition Examination Survey (NHANES), 2001-2006. <i>JAMA Pediatrics</i> , 2009 , 163, 371-7		187
685	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
684	Genetic determinism of fiber type proportion in human skeletal muscle. <i>FASEB Journal</i> , 1995 , 9, 1091-5	0.9	183
683	Maintaining a high physical activity level over 20 years and weight gain. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 2603-10	27.4	182
682	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
681	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> , 1997 , 100, 1240-7	15.9	179
680	Mutations in the preproghrelin/ghrelin gene associated with obesity in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3996-9	5.6	175
679	A glucocorticoid receptor gene marker is associated with abdominal obesity, leptin, and dysregulation of the hypothalamic-pituitary-adrenal axis. <i>Obesity</i> , 2000 , 8, 211-8		175
678	A transcriptional map of the impact of endurance exercise training on skeletal muscle phenotype. <i>Journal of Applied Physiology</i> , 2011 , 110, 46-59	3.7	172
677	Age, sex, race, initial fitness, and response to training: the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 2001 , 90, 1770-6	3.7	171
676	Profiles of sedentary behavior in children and adolescents: the US National Health and Nutrition Examination Survey, 2001-2006. <i>Pediatric Obesity</i> , 2009 , 4, 353-9		170
675	Why do individuals not lose more weight from an exercise intervention at a defined dose? An energy balance analysis. <i>Obesity Reviews</i> , 2012 , 13, 835-47	10.6	165
674	Utility of childhood BMI in the prediction of adulthood disease: comparison of national and international references. <i>Obesity</i> , 2005 , 13, 1106-15		165
673	The use of anthropometric and dual-energy X-ray absorptiometry (DXA) measures to estimate total abdominal and abdominal visceral fat in men and women. <i>Obesity</i> , 1999 , 7, 256-64		165

672	Less Sitting, More Physical Activity, or Higher Fitness?. <i>Mayo Clinic Proceedings</i> , 2015 , 90, 1533-40	6.4	164
671	Racial differences in abdominal depot-specific adiposity in white and African American adults. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 7-15	7	162
670	Gender difference in postprandial lipemia : importance of visceral adipose tissue accumulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 2448-55	9.4	161
669	Contribution of body fatness and adipose tissue distribution to the age variation in plasma steroid hormone concentrations in men: the HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 1026-31	5.6	160
668	Sleep duration as a risk factor for the development of type 2 diabetes or impaired glucose tolerance: analyses of the Quebec Family Study. <i>Sleep Medicine</i> , 2009 , 10, 919-24	4.6	158
667	Genomic scan for maximal oxygen uptake and its response to training in the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 2000 , 88, 551-9	3.7	157
666	No association between the angiotensin-converting enzyme ID polymorphism and elite endurance athlete status. <i>Journal of Applied Physiology</i> , 2000 , 88, 1571-5	3.7	155
665	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. <i>Nature Genetics</i> , 2016 , 48, 1162-70	36.3	152
664	The human obesity gene map: the 2002 update. <i>Obesity</i> , 2003 , 11, 313-67		151
663	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> , 1997 , 3, 663-673	6.2	150
662	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
661	Effect of exercise training on plasma levels of C-reactive protein in healthy adults: the HERITAGE Family Study. <i>European Heart Journal</i> , 2005 , 26, 2018-25	9.5	145
660	Sex differences in inflammatory markers: what is the contribution of visceral adiposity?. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1307-14	7	136
659	A genome-wide scan for abdominal fat assessed by computed tomography in the QuBec Family Study. <i>Diabetes</i> , 2001 , 50, 614-21	0.9	135
658	Genetics of obesity. <i>Annual Review of Nutrition</i> , 1993 , 13, 337-54	9.9	135
657	Familial resemblance of plasma lipids, lipoproteins and postheparin lipoprotein and hepatic lipases in the HERITAGE Family Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 3263-9	9.4	134
656	Role of ghrelin polymorphisms in obesity based on three different studies. <i>Obesity</i> , 2002 , 10, 782-91		133
655	Testosterone, sex hormone-binding globulin and the metabolic syndrome in men: an individual participant data meta-analysis of observational studies. <i>PLoS ONE</i> , 2014 , 9, e100409	3.7	131

654	Leisure time sedentary behavior, occupational/domestic physical activity, and metabolic syndrome in U.S. men and women. <i>Metabolic Syndrome and Related Disorders</i> , 2009 , 7, 529-36	2.6	131
653	Genetic influences on the response of body fat and fat distribution to positive and negative energy balances in human identical twins. <i>Journal of Nutrition</i> , 1997 , 127, 943S-947S	4.1	125
652	Plasma ghrelin concentration and energy balance: overfeeding and negative energy balance studies in twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 4547-51	5.6	124
651	Molecular networks of human muscle adaptation to exercise and age. <i>PLoS Genetics</i> , 2013 , 9, e1003389 6		123
650	Familial aggregation of physical activity levels in the QuBec Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 1137-42	1.2	122
649	Alterations in body weight and composition consequent to 20 wk of endurance training: the HERITAGE Family Study. <i>American Journal of Clinical Nutrition</i> , 1999 , 70, 346-52	7	122
648	Physical activity, genetic, and nutritional considerations in childhood weight management. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 2-10	1.2	121
647	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. <i>Human Molecular Genetics</i> , 2014 , 23, 6961-72	5.6	120
646	Gene-environment interactions in the etiology of obesity: defining the fundamentals. <i>Obesity</i> , 2008 , 16 Suppl 3, S5-S10	8	120
645	The human gene map for performance and health-related fitness phenotypes: the 2005 update. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 1863-88	1.2	120
644	Abdominal visceral fat and fasting insulin are important predictors of 24-hour GH release independent of age, gender, and other physiological factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3845-52	5.6	120
643	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-462 4		119
642	Blood lipid response to 20 weeks of supervised exercise in a large biracial population: the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 513-20	12.7	118
641	Original article underweight, overweight and obesity: relationships with mortality in the 13-year follow-up of the Canada Fitness Survey. <i>Journal of Clinical Epidemiology</i> , 2001 , 54, 916-20	5.7	117
640	Evidence for the existence of adaptive thermogenesis during weight loss. <i>British Journal of Nutrition</i> , 2001 , 85, 715-23	3.6	116
639	Familial resemblance in energy intake: contribution of genetic and environmental factors. <i>American Journal of Clinical Nutrition</i> , 1988 , 47, 629-35	7	114
638	The reproducibility of a three-day dietary record. <i>Nutrition Research</i> , 1983 , 3, 819-830	4	114
637	Heredity and body fat. <i>Annual Review of Nutrition</i> , 1988 , 8, 259-77	9.9	113

636	Modifications in food-group consumption are related to long-term body-weight changes. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 29-37	7	112
635	Contribution of age and declining androgen levels to features of the metabolic syndrome in men. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 1034-40	12.7	111
634	Risk factors for adult overweight and obesity in the Quebec Family Study: have we been barking up the wrong tree?. <i>Obesity</i> , 2009 , 17, 1964-70	8	110
633	Acetylcholinesterase/paraoxonase genotype and expression predict anxiety scores in Health, Risk Factors, Exercise Training, and Genetics study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 5512-7	11.5	110
632	The human obesity gene map: the 2001 update. <i>Obesity</i> , 2002 , 10, 196-243		108
631	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , 2016 , 7, 10494	17.4	107
630	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> , 2000 , 85, 29-34	5.6	107
629	Volume of exercise and fitness nonresponse in sedentary, postmenopausal women. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 539-45	1.2	106
628	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
627	Melanocortin 4 receptor sequence variations are seldom a cause of human obesity: the Swedish Obese Subjects, the HERITAGE Family Study, and a Memphis cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 4442-6	5.6	105
626	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> , 2000 , 85, 29-34	5.6	104
625	The human obesity gene map: the 1999 update. <i>Obesity</i> , 2000 , 8, 89-117		103
624	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
623	Genomics and genetics in the biology of adaptation to exercise. <i>Comprehensive Physiology</i> , 2011 , 1, 1603-748		102
622	Angiotensin-converting enzyme 1D polymorphism and fitness phenotype in the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 2000 , 88, 1029-35	3.7	102
621	Genome-wide search for genes related to the fat-free body mass in the Quebec family study. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 203-7	12.7	102
620	Plasma protein patterns as comprehensive indicators of health. <i>Nature Medicine</i> , 2019 , 25, 1851-1857	50.5	102
619	Gene-diet interactions in obesity. <i>American Journal of Clinical Nutrition</i> , 2000 , 72, 1285S-1290S	7	100

618	Physical activity, physical fitness, and coronary heart disease risk factors in youth: the QuBec Family Study. <i>Preventive Medicine</i> , 1999 , 29, 555-62	4.3	100
617	Exercise and obesity. <i>Obesity</i> , 1993 , 1, 133-47		100
616	Genomic predictors of trainability. <i>Experimental Physiology</i> , 2012 , 97, 347-52	2.4	99
615	Genetics of food intake and eating behavior phenotypes in humans. <i>Annual Review of Nutrition</i> , 2006 , 26, 413-34	9.9	99
614	Effects of aerobic physical exercise on inflammation and atherosclerosis in men: the DNASCO Study: a six-year randomized, controlled trial. <i>Annals of Internal Medicine</i> , 2004 , 140, 1007-14	8	99
613	Genome-wide linkage scan for the metabolic syndrome in the HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 5935-43	5.6	98
612	Aerobic fitness, body mass index, and CVD risk factors among adolescents: the QuBec family study. <i>International Journal of Obesity</i> , 2005 , 29, 1077-83	5.5	97
611	Hypertension in obesity and the leptin receptor gene locus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3126-31	5.6	97
610	Polygenic type 2 diabetes prediction at the limit of common variant detection. <i>Diabetes</i> , 2014 , 63, 2172-82		96
609	Familial resemblance for abdominal visceral fat: the HERITAGE family study. <i>International Journal of Obesity</i> , 1997 , 21, 1024-31	5.5	96
608	Calcium intake is associated with adiposity in Black and White men and White women of the HERITAGE Family Study. <i>Journal of Nutrition</i> , 2004 , 134, 1772-8	4.1	93
607	A dopamine D2 receptor gene polymorphism and physical activity in two family studies. <i>Physiology and Behavior</i> , 2003 , 78, 751-7	3.5	93
606	Genomic scan for genes affecting body composition before and after training in Caucasians from HERITAGE. <i>Journal of Applied Physiology</i> , 2001 , 90, 1777-87	3.7	93
605	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> , 1996 , 98, 2086-93	15.9	93
604	Melanocortin-4 receptor gene and physical activity in the QuBec Family Study. <i>International Journal of Obesity</i> , 2005 , 29, 420-8	5.5	92
603	A genomewide linkage scan for abdominal subcutaneous and visceral fat in black and white families: The HERITAGE Family Study. <i>Diabetes</i> , 2002 , 51, 848-55	0.9	92
602	Is body fat loss a determinant factor in the improvement of carbohydrate and lipid metabolism following aerobic exercise training in obese women?. <i>Metabolism: Clinical and Experimental</i> , 1992 , 41, 1249-56	12.7	92
601	Advances in exercise, fitness, and performance genomics. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 835-46	1.2	91

600	Visceral adipose tissue accumulation, cardiorespiratory fitness, and features of the metabolic syndrome. <i>Archives of Internal Medicine</i> , 2007 , 167, 1518-25		91
599	Heart rate and blood pressure changes with endurance training: the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 107-16	1.2	91
598	Adaptation to a standardized training program and changes in fitness in a large, heterogeneous population: the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 157-61	1.2	90
597	Precision exercise medicine: understanding exercise response variability. <i>British Journal of Sports Medicine</i> , 2019 , 53, 1141-1153	10.3	89
596	Assessment, prevalence, and cardiovascular benefits of physical activity and fitness in youth. <i>Medicine and Science in Sports and Exercise</i> , 1992 , 24, 237??-247	1.2	89
595	Endurance training-induced changes in insulin sensitivity and gene expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E1168-78	6	87
594	A polymorphism of the 5' flanking region of the glucocorticoid receptor gene locus is associated with basal cortisol secretion in men. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 1197-9	12.7	87
593	Familial aggregation of abdominal visceral fat level: results from the Quebec family study. <i>Metabolism: Clinical and Experimental</i> , 1996 , 45, 378-82	12.7	87
592	Hypertension in Obesity and the Leptin Receptor Gene Locus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3126-3131	5.6	87
591	Association of Fitness in Young Adulthood With Survival and Cardiovascular Risk: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>JAMA Internal Medicine</i> , 2016 , 176, 87-95	11.5	86
590	Linkages and associations between the leptin receptor (LEPR) gene and human body composition in the QuBec Family Study. <i>International Journal of Obesity</i> , 1999 , 23, 278-86	5.5	86
589	Genotype-controlled changes in body composition and fat morphology following overfeeding in twins. <i>American Journal of Clinical Nutrition</i> , 1986 , 43, 723-31	7	86
588	Fitness alters the associations of BMI and waist circumference with total and abdominal fat. <i>Obesity</i> , 2004 , 12, 525-37		85
587	Genomewide linkage scan of resting blood pressure: HERITAGE Family Study. <i>Health, Risk Factors, Exercise Training, and Genetics. Hypertension</i> , 2002 , 39, 1037-43	8.5	82
586	Direct-to-consumer genetic testing for predicting sports performance and talent identification: Consensus statement. <i>British Journal of Sports Medicine</i> , 2015 , 49, 1486-91	10.3	81
585	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
584	Gene-age interactions in blood pressure regulation: a large-scale investigation with the CHARGE, Global BPgen, and ICBP Consortia. <i>American Journal of Human Genetics</i> , 2014 , 95, 24-38	11	80
583	Competing targets of microRNA-608 affect anxiety and hypertension. <i>Human Molecular Genetics</i> , 2014 , 23, 4569-80	5.6	79

582	Anthropometric correlates of total body fat, abdominal adiposity, and cardiovascular disease risk factors in a biracial sample of men and women. <i>Mayo Clinic Proceedings</i> , 2012 , 87, 452-60	6.4	79
581	NOS3 Glu298Asp genotype and blood pressure response to endurance training: the HERITAGE family study. <i>Hypertension</i> , 2000 , 36, 885-9	8.5	79
580	The association between short sleep duration and weight gain is dependent on disinhibited eating behavior in adults. <i>Sleep</i> , 2011 , 34, 1291-7	1.1	78
579	Positional identification of variants of Adamts16 linked to inherited hypertension. <i>Human Molecular Genetics</i> , 2011 , 20, 4297-4297	5.6	78
578	Ethnic-specific BMI and waist circumference thresholds. <i>Obesity</i> , 2011 , 19, 1272-8	8	77
577	Mutations in the adiponectin gene in lean and obese subjects from the Swedish obese subjects cohort. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 881-4	12.7	77
576	A polymorphism in the human agouti-related protein is associated with late-onset obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 4198-202	5.6	77
575	Genetic and environmental sources of variation in physical fitness. <i>Annals of Human Biology</i> , 1987 , 14, 425-34	1.7	77
574	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
573	Childhood obesity: are genetic differences involved?. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1494S-1501S	7	76
572	Relationships between endogenous steroid hormone, sex hormone-binding globulin and lipoprotein levels in men: contribution of visceral obesity, insulin levels and other metabolic variables. <i>Atherosclerosis</i> , 1997 , 133, 235-44	3.1	76
571	Genetics of the metabolic syndrome. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 89-114	3	76
570	Are there genetic paths common to obesity, cardiovascular disease outcomes, and cardiovascular risk factors?. <i>Circulation Research</i> , 2015 , 116, 909-22	15.7	75
569	The human obesity gene map: the 2000 update. <i>Obesity</i> , 2001 , 9, 135-69		75
568	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> , 2000 , 49, 1063-70	12.7	75
567	Associations of markers in 11 obesity candidate genes with maximal weight loss and weight regain in the SOS bariatric surgery cases. <i>International Journal of Obesity</i> , 2011 , 35, 676-83	5.5	74
566	No Evidence of a Common DNA Variant Profile Specific to World Class Endurance Athletes. <i>PLoS ONE</i> , 2016 , 11, e0147330	3.7	74
565	An evolving scientific basis for the prevention and treatment of pediatric obesity. <i>International Journal of Obesity</i> , 2014 , 38, 887-905	5.5	73

564	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> , 1999 , 23, 929-35	5.5	73
563	Familial aggregation of body mass index and subcutaneous fat measures in the longitudinal Quebec family study. <i>Genetic Epidemiology</i> , 1999 , 16, 316-34	2.6	72
562	Human genomics and obesity: finding appropriate drug targets. <i>European Journal of Pharmacology</i> , 2000 , 410, 131-145	5.3	70
561	Current status of the human obesity gene map. <i>Obesity</i> , 1996 , 4, 81-90		70
560	Reproducibility of maximal exercise test data in the HERITAGE family study. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 1623-8	1.2	70
559	Familial resemblance in maximal heart rate, blood lactate and aerobic power. <i>Human Heredity</i> , 1985 , 35, 182-9	1.1	69
558	Short sleep duration as a risk factor for the development of the metabolic syndrome in adults. <i>Preventive Medicine</i> , 2013 , 57, 872-7	4.3	68
557	Athlome Project Consortium: a concerted effort to discover genomic and other "omic" markers of athletic performance. <i>Physiological Genomics</i> , 2016 , 48, 183-90	3.6	67
556	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
555	Cardiorespiratory fitness and cognitive function in middle age: the CARDIA study. <i>Neurology</i> , 2014 , 82, 1339-46	6.5	66
554	The human obesity gene map: the 1997 update. <i>Obesity</i> , 1998 , 6, 76-92		66
553	Greater than predicted decrease in energy expenditure during exercise after body weight loss in obese men. <i>Clinical Science</i> , 2003 , 105, 89-95	6.5	65
552	Leptin and leptin receptor gene polymorphisms and changes in glucose homeostasis in response to regular exercise in nondiabetic individuals: the HERITAGE family study. <i>Diabetes</i> , 2004 , 53, 1603-8	0.9	65
551	Longer sleep duration associates with lower adiposity gain in adult short sleepers. <i>International Journal of Obesity</i> , 2012 , 36, 752-6	5.5	64
550	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
549	The pediatric obesity epidemic continues unabated in Bogalusa, Louisiana. <i>Pediatrics</i> , 2010 , 125, 900-5	7.4	63
548	Genome-wide linkage scan for physical activity levels in the Quebec Family study. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1355-9	1.2	63
547	Changes in blood lipids consequent to aerobic exercise training related to changes in body fatness and aerobic fitness. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 841-8	12.7	63

546	The effects of exercise-training on energy balance and adipose tissue morphology and metabolism. <i>Sports Medicine</i> , 1985 , 2, 223-33	10.6	63
545	Physical activity and health-related fitness in youth: a multivariate analysis. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 709-14	1.2	63
544	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> , 2000 , 279, H368-74	5.2	62
543	The human gene map for performance and health-related fitness phenotypes. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 855-67	1.2	62
542	Familial aggregation of submaximal aerobic performance in the HERITAGE Family study. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 597-604	1.2	62
541	Overfeeding in identical twins: 5-year postoverfeeding results. <i>Metabolism: Clinical and Experimental</i> , 1996 , 45, 1042-50	12.7	62
540	Mitochondrial DNA sequence polymorphism, VO2max, and response to endurance training. <i>Medicine and Science in Sports and Exercise</i> , 1991 , 23, 177??185	1.2	62
539	Television viewing, physical activity, and health-related fitness of youth in the QuBec Family Study. <i>Journal of Adolescent Health</i> , 1998 , 23, 318-25	5.8	61
538	Heredity and muscle adaptation to endurance training. <i>Medicine and Science in Sports and Exercise</i> , 1986 , 18, 690??696	1.2	61
537	Genetics of physiological fitness and motor performance. <i>Exercise and Sport Sciences Reviews</i> , 1983 , 11, 306-39	6.7	61
536	Genomic and transcriptomic predictors of response levels to endurance exercise training. <i>Journal of Physiology</i> , 2017 , 595, 2931-2939	3.9	60
535	A genome-wide linkage scan for dietary energy and nutrient intakes: the Health, Risk Factors, Exercise Training, and Genetics (HERITAGE) Family Study. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 881-6	7	60
534	Muscle-specific creatine kinase gene polymorphism and VO2max in the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 1311-7	1.2	60
533	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648	36.3	59
532	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018 , 102, 375-400	11	59
531	Findings from the Quebec Family Study on the Etiology of Obesity: Genetics and Environmental Highlights. <i>Current Obesity Reports</i> , 2014 , 3, 54-66	8.4	59
530	Convergence between biological, behavioural and genetic determinants of obesity. <i>Nature Reviews Genetics</i> , 2017 , 18, 731-748	30.1	58
529	Age-related differences in inflammatory markers in men: contribution of visceral adiposity. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 1452-8	12.7	58

528	Obesity in adulthood--the importance of childhood and parental obesity. <i>New England Journal of Medicine</i> , 1997 , 337, 926-7	59.2	58
527	Tsp509I polymorphism in exon 2 of the glucocorticoid receptor gene in relation to obesity and cortisol secretion: cohort study. <i>BMJ: British Medical Journal</i> , 2001 , 322, 652-3		58
526	Interactions among the glucocorticoid receptor, lipoprotein lipase and adrenergic receptor genes and abdominal fat in the QuBec Family Study. <i>International Journal of Obesity</i> , 2001 , 25, 1332-9	5.5	58
525	Heritability of HR and BP response to exercise training in the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 972-9	1.2	58
524	Familial aggregation in physical fitness, coronary heart disease risk factors, and pulmonary function measurements. <i>Preventive Medicine</i> , 1987 , 16, 607-15	4.3	58
523	Clustering of metabolic abnormalities in obese individuals: the role of genetic factors. <i>Annals of Medicine</i> , 2001 , 33, 79-90	1.5	57
522	The human obesity gene map: the 1998 update. <i>Obesity</i> , 1999 , 7, 111-29		57
521	Clinical utility of visceral adipose tissue for the identification of cardiometabolic risk in white and African American adults. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 480-6	7	56
520	A novel interaction between dietary composition and insulin secretion: effects on weight gain in the Quebec Family Study. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 303-9	7	56
519	The effects of exercise training on abdominal visceral fat, body composition, and indicators of the metabolic syndrome in postmenopausal women with and without estrogen replacement therapy: the HERITAGE family study. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 1192-6	12.7	56
518	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> , 2001 , 13, 190-6	2.7	56
517	Cardiovascular risk factors in a French-Canadian population: resolution of genetic and familial environmental effects on blood pressure by using extensive information on environmental correlates. <i>American Journal of Human Genetics</i> , 1989 , 45, 240-51	11	56
516	Advances in exercise, fitness, and performance genomics in 2010. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 743-52	1.2	55
515	Genes, exercise, growth, and the sedentary, obese child. <i>Journal of Applied Physiology</i> , 2008 , 105, 988-1001		55
514	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
513	Meta-analysis of the INSIG2 association with obesity including 74,345 individuals: does heterogeneity of estimates relate to study design?. <i>PLoS Genetics</i> , 2009 , 5, e1000694	6	54
512	Template to improve glycemic control without reducing adiposity or dietary fat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E779-89	6	54
511	Genetic factors in obesity. <i>Medical Clinics of North America</i> , 1989 , 73, 67-81	7	54

510	Relationships between body fatness, adipose tissue distribution and blood pressure in men and women. <i>Journal of Clinical Epidemiology</i> , 1988 , 41, 889-97	5.7	54
509	5-HT2A receptor gene promoter polymorphism in relation to abdominal obesity and cortisol. <i>Obesity</i> , 2002 , 10, 585-9		53
508	Do elevated levels of abdominal visceral adipose tissue contribute to age-related differences in plasma lipoprotein concentrations in men?. <i>Atherosclerosis</i> , 1995 , 118, 155-64	3.1	53
507	Effects of long-term averaging of quantitative blood pressure traits on the detection of genetic associations. <i>American Journal of Human Genetics</i> , 2014 , 95, 49-65	11	52
506	Positional identification of variants of Adamts16 linked to inherited hypertension. <i>Human Molecular Genetics</i> , 2009 , 18, 2825-38	5.6	52
505	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> , 2010 , 53, 679-89	10.3	52
504	The utility of the international child and adolescent overweight guidelines for predicting coronary heart disease risk factors. <i>Journal of Clinical Epidemiology</i> , 2003 , 56, 456-62	5.7	52
503	Relationship of changes in maximal and submaximal aerobic fitness to changes in cardiovascular disease and non-insulin-dependent diabetes mellitus risk factors with endurance training: the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 1255-63	12.7	52
502	Seven-year stability of indicators of obesity and adipose tissue distribution in the Canadian population. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 1123-9	7	52
501	Heredity and Endurance Performance. <i>Sports Medicine</i> , 1984 , 1, 38-64	10.6	52
500	Endurance exercise training has a minimal effect on resting heart rate: the HERITAGE Study. <i>Medicine and Science in Sports and Exercise</i> , 1996 , 28, 829-35	1.2	52
499	Genome-wide association studies suggest sex-specific loci associated with abdominal and visceral fat. <i>International Journal of Obesity</i> , 2016 , 40, 662-74	5.5	51
498	Short sleep duration is associated with greater alcohol consumption in adults. <i>Appetite</i> , 2012 , 59, 650-5	4.5	51
497	Familial aggregation of blood lipid response to exercise training in the health, risk factors, exercise training, and genetics (HERITAGE) Family Study. <i>Circulation</i> , 2002 , 105, 1904-8	16.7	51
496	Seven-year stability of physical activity and musculoskeletal fitness in the Canadian population. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 1905-11	1.2	51
495	Familial Clustering of Insulin and Abdominal Visceral Fat: The HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 4239-4245	5.6	51
494	The effects of exercise on the lipoprotein subclass profile: A meta-analysis of 10 interventions. <i>Atherosclerosis</i> , 2015 , 243, 364-72	3.1	50
493	Effect of endothelin 1 genotype on blood pressure is dependent on physical activity or fitness levels. <i>Hypertension</i> , 2007 , 50, 1120-5	8.5	50

492	Cardiorespiratory fitness, BMI, and risk of hypertension: the HYPGENE study. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 1687-92	1.2	50
491	Genetic aspects of susceptibility to obesity and related dyslipidemias. <i>Molecular and Cellular Biochemistry</i> , 1992 , 113, 151-69	4.2	50
490	The Three-Factor Eating Questionnaire and BMI in adolescents: results from the QuBec family study. <i>British Journal of Nutrition</i> , 2010 , 104, 1074-9	3.6	49
489	Exploration of myostatin polymorphisms and the angiotensin-converting enzyme insertion/deletion genotype in responses of human muscle to strength training. <i>European Journal of Applied Physiology</i> , 2004 , 92, 267-74	3.4	49
488	The Alpha2-Adrenergic Receptor Gene and Body Fat Content and Distribution: The HERITAGE Family Study. <i>Molecular Medicine</i> , 2002 , 8, 88-94	6.2	49
487	G protein beta 3 polymorphism and hemodynamic and body composition phenotypes in the HERITAGE Family Study. <i>Physiological Genomics</i> , 2002 , 8, 151-7	3.6	49
486	Advances in exercise, fitness, and performance genomics in 2011. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 809-17	1.2	48
485	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> , 2007 , 85, 26-34	7	48
484	Heart rate recovery after maximal exercise is associated with acetylcholine receptor M2 (CHRM2) gene polymorphism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H459-66 ^{5,2}	48	48
483	An exploratory investigation of genetic linkage with body composition and fatness phenotypes: the QuBec Family Study. <i>Obesity</i> , 1994 , 2, 213-9		48
482	Biological/Genetic Regulation of Physical Activity Level: Consensus from GenBioPAC. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 863-873	1.2	48
481	Physical inactivity and low fitness deserve more attention to alter cancer risk and prognosis. <i>Cancer Prevention Research</i> , 2015 , 8, 105-10	3.2	47
480	Personalized preventive medicine: genetics and the response to regular exercise in preventive interventions. <i>Progress in Cardiovascular Diseases</i> , 2015 , 57, 337-46	8.5	47
479	The human gene map for performance and health-related fitness phenotypes: the 2002 update. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1248-64	1.2	47
478	Familial resemblance in eating behaviors in men and women from the Quebec Family Study. <i>Obesity</i> , 2005 , 13, 1624-9		47
477	Linkage between a muscle-specific CK gene marker and VO _{2max} in the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 698-701	1.2	47
476	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
475	The human gene map for performance and health-related fitness phenotypes: the 2003 update. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 1451-69	1.2	46

474	Fasting insulin levels influence plasma leptin levels independently from the contribution of adiposity: evidence from both a cross-sectional and an intervention study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4231-7	5.6	46
473	Cardiac output and stroke volume changes with endurance training: the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 99-106	1.2	46
472	DNA polymorphisms in the alpha 2- and beta 2-adrenoceptor genes and regional fat distribution in humans: association and linkage studies. <i>Obesity</i> , 1995 , 3, 249-55		46
471	Genetic aspects of obesity. <i>Annals of the New York Academy of Sciences</i> , 1993 , 699, 26-35	6.5	46
470	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
469	Replication of 6 obesity genes in a meta-analysis of genome-wide association studies from diverse ancestries. <i>PLoS ONE</i> , 2014 , 9, e96149	3.7	45
468	Risk factors for adult overweight and obesity: the importance of looking beyond the Big two N. <i>Obesity Facts</i> , 2010 , 3, 320-7	5.1	45
467	Body composition, cardiorespiratory fitness, and low-grade inflammation in middle-aged men and women. <i>American Journal of Cardiology</i> , 2009 , 104, 240-6	3	45
466	Genotype-environment interaction in human obesity. <i>Nutrition Reviews</i> , 1999 , 57, S31-7; discussion S37-8.	4	45
465	Long-term adiposity changes are related to a glucocorticoid receptor polymorphism in young females. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3141-5	5.6	45
464	Familial resemblance in fatness and fat distribution. <i>American Journal of Human Biology</i> , 2000 , 12, 395-404	4	45
463	Familial clustering of insulin and abdominal visceral fat: the HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 4239-45	5.6	45
462	Adropin: An endocrine link between the biological clock and cholesterol homeostasis. <i>Molecular Metabolism</i> , 2018 , 8, 51-64	8.8	44
461	Advances in exercise, fitness, and performance genomics in 2012. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 824-31	1.2	44
460	Abdominal obesity and mortality: The Pennington Center Longitudinal Study. <i>Nutrition and Diabetes</i> , 2012 , 2, e42	4.7	44
459	Peroxisome proliferator-activated receptor-delta polymorphisms are associated with physical performance and plasma lipids: the HERITAGE Family Study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H2498-505	5.2	44
458	Can a weight loss of one pound a week be achieved with a 3500-kcal deficit? Commentary on a commonly accepted rule. <i>International Journal of Obesity</i> , 2013 , 37, 1611-3	5.5	43
457	Association between a beta2-adrenergic receptor polymorphism and elite endurance performance. <i>Metabolism: Clinical and Experimental</i> , 2007 , 56, 1649-51	12.7	43

456	Spouse resemblance in body mass index: effects on adult obesity prevalence in the offspring generation. <i>American Journal of Epidemiology</i> , 2007 , 165, 101-8	3.8	43
455	Adiponectin polymorphisms, adiposity and insulin metabolism: HERITAGE family study and Oulu diabetic study. <i>Annals of Medicine</i> , 2005 , 37, 141-50	1.5	43
454	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
453	Genomic scan for exercise blood pressure in the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study. <i>Hypertension</i> , 2001 , 38, 30-7	8.5	43
452	Uncoupling protein 3 gene is associated with body composition changes with training in HERITAGE study. <i>Journal of Applied Physiology</i> , 2002 , 92, 1111-8	3.7	43
451	Suggestive linkages between markers on human 1p32-p22 and body fat and insulin levels in the Quebec Family Study. <i>Obesity</i> , 1997 , 5, 115-21		42
450	Gene-physical activity interactions: overview of human studies. <i>Obesity</i> , 2008 , 16 Suppl 3, S47-50	8	42
449	The human gene map for performance and health-related fitness phenotypes: the 2001 update. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 1219-33	1.2	42
448	Familial risk of obesity and central adipose tissue distribution in the general Canadian population. <i>American Journal of Epidemiology</i> , 1999 , 149, 933-42	3.8	42
447	Plasma adrenal, gonadal, and conjugated steroids following long-term exercise-induced negative energy balance in identical twins. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 1120-7	12.7	42
446	Familial correlations in the QuBec family study: cross-trait familial resemblance for body fat with plasma glucose and insulin. <i>Diabetologia</i> , 1996 , 39, 1357-64	10.3	42
445	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. <i>Genetic Epidemiology</i> , 1989 , 6, 571-88	2.6	42
444	Influence of caffeine on the resting metabolic rate of exercise-trained and inactive subjects. <i>Medicine and Science in Sports and Exercise</i> , 1985 , 17, 689-94	1.2	42
443	A common haplotype and the Pro582Ser polymorphism of the hypoxia-inducible factor-1alpha (HIF1A) gene in elite endurance athletes. <i>Journal of Applied Physiology</i> , 2010 , 108, 1497-500	3.7	41
442	Low cardiorespiratory fitness levels and elevated blood pressure: what is the contribution of visceral adiposity?. <i>Hypertension</i> , 2009 , 54, 91-7	8.5	41
441	Association of lipin 1 gene polymorphisms with measures of energy and glucose metabolism. <i>Obesity</i> , 2007 , 15, 2723-32	8	41
440	Eating behaviours, dietary profile and body composition according to dieting history in men and women of the QuBec Family Study. <i>British Journal of Nutrition</i> , 2004 , 91, 997-1004	3.6	41
439	Association of apolipoprotein E polymorphism with blood lipids and maximal oxygen uptake in the sedentary state and after exercise training in the HERITAGE family study. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 108-16	12.7	41

438	A genome-wide linkage scan for steroids and SHBG levels in black and white families: the HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 3708-20	5.6	41
437	Skeletal muscle characteristics predict body fat gain in response to overfeeding in never-obese young men. <i>Metabolism: Clinical and Experimental</i> , 2002 , 51, 451-6	12.7	41
436	No association between resting metabolic rate or respiratory exchange ratio and subsequent changes in body mass and fatness: 5-1/2 year follow-up of the Québec family study. <i>European Journal of Clinical Nutrition</i> , 2000 , 54, 610-4	5.2	41
435	Familial aggregation of resting blood pressure and heart rate in a sedentary population: the HERITAGE Family Study. Health, Risk Factors, Exercise Training, and Genetics. <i>American Journal of Hypertension</i> , 1999 , 12, 264-70	2.3	41
434	Role of genetic factors in childhood obesity and in susceptibility to dietary variations. <i>Annals of Medicine</i> , 1999 , 31, 19-25	1.5	41
433	Skeletal muscle metabolism and body fat content in men and women. <i>Obesity</i> , 1995 , 3, 23-9		41
432	Muscle-specific creatine kinase gene polymorphisms in elite endurance athletes and sedentary controls. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 1444-7	1.2	41
431	Exercise genomics--a paradigm shift is needed: a commentary. <i>British Journal of Sports Medicine</i> , 2015 , 49, 1492-6	10.3	40
430	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	17.4	40
429	Dynamic model predicting overweight, obesity, and extreme obesity prevalence trends. <i>Obesity</i> , 2014 , 22, 590-7	8	40
428	Overcoming barriers to progress in exercise genomics. <i>Exercise and Sport Sciences Reviews</i> , 2011 , 39, 212-7	6.7	40
427	Glucose metabolism in identical twins discordant for obesity. The critical role of visceral fat. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 383-7	5.6	40
426	The Pro12Ala PPARgamma2 gene missense mutation is associated with obesity and insulin resistance in Swedish middle-aged men. <i>Diabetes/Metabolism Research and Reviews</i> , 2003 , 19, 159-63	7.5	40
425	Impact of abdominal visceral fat, growth hormone, fitness, and insulin on lipids and lipoproteins in older adults. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 73-80	12.7	40
424	A polymorphism in the alpha2a-adrenoceptor gene and endurance athlete status. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 1709-12	1.2	40
423	Physical activity and health: atherosclerotic, metabolic, and hypertensive diseases. <i>Research Quarterly for Exercise and Sport</i> , 1995 , 66, 268-75	1.9	40
422	Exercise and energy intake: effect of substrate oxidation. <i>Physiology and Behavior</i> , 1995 , 57, 995-1000	3.5	40
421	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8	39

420	Is it time to change the way we report and discuss weight loss?. <i>Obesity</i> , 2009 , 17, 619-21	8	39
419	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
418	Aging per se does not influence glucose homeostasis: in vivo and in vitro evidence. <i>Diabetes Care</i> , 2003 , 26, 480-4	14.6	39
417	The small, dense LDL phenotype as a correlate of postprandial lipemia in men. <i>Atherosclerosis</i> , 2000 , 153, 423-32	3.1	39
416	Genetic variation at the lipoprotein lipase locus and plasma lipoprotein and insulin levels in the QuBec Family Study. <i>Atherosclerosis</i> , 2001 , 158, 199-206	3.1	39
415	Plasma post-heparin lipase activities in the HERITAGE Family Study: the reproducibility, gender differences, and associations with lipoprotein levels. HEalth, RIsk factors, exercise Training and GEnetics. <i>Clinical Biochemistry</i> , 1999 , 32, 157-65	3.5	39
414	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
413	Monitoring high-intensity endurance exercise with heart rate and thresholds. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 125-32	1.2	39
412	Cardiorespiratory fitness and brain volume and white matter integrity: The CARDIA Study. <i>Neurology</i> , 2015 , 84, 2347-53	6.5	38
411	Effect of dietary adherence on the body weight plateau: a mathematical model incorporating intermittent compliance with energy intake prescription. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 787-95	7	38
410	Change in sleep duration and visceral fat accumulation over 6 years in adults. <i>Obesity</i> , 2014 , 22, E9-12	8	38
409	Integrative pathway analysis of a genome-wide association study of (V)O _{2max} response to exercise training. <i>Journal of Applied Physiology</i> , 2013 , 115, 1343-59	3.7	38
408	FTO genotype is associated with exercise training-induced changes in body composition. <i>Obesity</i> , 2010 , 18, 322-6	8	38
407	Defining the genetic architecture of the predisposition to obesity: a challenging but not insurmountable task. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 5-6	7	38
406	Trunk versus extremity adiposity and cardiometabolic risk factors in white and African American adults. <i>Diabetes Care</i> , 2011 , 34, 1415-8	14.6	38
405	Segregation analysis of abdominal visceral fat: the HERITAGE Family Study. <i>Obesity</i> , 1997 , 5, 417-24		38
404	Genetics of human obesity: recent results from linkage studies. <i>Journal of Nutrition</i> , 1997 , 127, 1887S-1890S		38
403	Leptin levels, leptin receptor gene polymorphisms, and energy metabolism in women. <i>Obesity</i> , 2002 , 10, 394-400		38

402	Two ethnic-specific polymorphisms in the human Agouti-related protein gene are associated with macronutrient intake. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 1097-101	7	38
401	Fitness, fatness, and estimated coronary heart disease risk: the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 585-90	1.2	38
400	Regular Exercise, Plasminogen Activator Inhibitor-1 (PAI-1) Activity and the 4G/5G Promoter Polymorphism in the PAI-1 Gene. <i>Thrombosis and Haemostasis</i> , 1999 , 82, 1117-1120	7	38
399	Trp64Arg mutation in beta 3-adrenoceptor gene of doubtful significance for obesity and insulin resistance. <i>Lancet, The</i> , 1996 , 348, 698-9	40	38
398	Introductory comments for the consensus on physical activity and obesity. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, S498-501	1.2	38
397	Heart rate versus %VO2max: age, sex, race, initial fitness, and training response--HERITAGE. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1908-13	1.2	37
396	Effects of beta2-adrenergic receptor gene variants on adiposity: the HERITAGE Family Study. <i>Obesity</i> , 2003 , 11, 612-8		37
395	Familial resemblance for free androgens and androgen glucuronides in sedentary black and white individuals: the HERITAGE Family Study. <i>Health, Risk Factors, Exercise Training and Genetics. Journal of Endocrinology</i> , 2001 , 170, 485-92	4.7	37
394	The Na(+)-K(+)ATPase alpha2 gene and trainability of cardiorespiratory endurance: the HERITAGE family study. <i>Journal of Applied Physiology</i> , 2000 , 88, 346-51	3.7	37
393	Inhibition of food intake by inhibitors of fatty acid synthase. <i>New England Journal of Medicine</i> , 2000 , 343, 1888-9	59.2	37
392	An empirical comparison of meta-analysis and mega-analysis of individual participant data for identifying gene-environment interactions. <i>Genetic Epidemiology</i> , 2014 , 38, 369-78	2.6	36
391	Clinical utility and reproducibility of visceral adipose tissue measurements derived from dual-energy X-ray absorptiometry in White and African American adults. <i>Obesity</i> , 2013 , 21, 2221-4	8	36
390	Increased abdominal obesity in subjects with a mutation in the 5-HT(2A) receptor gene promoter. <i>Annals of the New York Academy of Sciences</i> , 2002 , 967, 571-5	6.5	36
389	A quantitative trait locus on 7q31 for the changes in plasma insulin in response to exercise training: the HERITAGE Family Study. <i>Diabetes</i> , 2003 , 52, 1583-7	0.9	36
388	Plasma glucose, insulin, and glucagon before and after long-term overfeeding in identical twins. <i>Metabolism: Clinical and Experimental</i> , 1995 , 44, 96-105	12.7	36
387	Body composition by DEXA in older adults: accuracy and influence of scan mode. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 560-7	1.2	36
386	Advances in Exercise, Fitness, and Performance Genomics in 2015. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1906-16	1.2	36
385	Seven to eight hours of sleep a night is associated with a lower prevalence of the metabolic syndrome and reduced overall cardiometabolic risk in adults. <i>PLoS ONE</i> , 2013 , 8, e72832	3.7	35

384	Glucose homeostasis predicts weight gain: prospective and clinical evidence. <i>Diabetes/Metabolism Research and Reviews</i> , 2008 , 24, 123-9	7.5	35
383	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
382	Energy balance and body-weight stability: impact of gene-environment interactions. <i>British Journal of Nutrition</i> , 2004 , 92 Suppl 1, S63-6	3.6	35
381	Familial aggregation of amount and distribution of subcutaneous fat and their responses to exercise training in the HERITAGE family study. <i>Obesity</i> , 2000 , 8, 140-50		35
380	Plasma adrenal, gonadal, and conjugated steroids before and after long-term overfeeding in identical twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3277-84	5.6	35
379	Genetics of obesity: advances from rodent studies. <i>Trends in Genetics</i> , 1996 , 12, 441-4	8.5	35
378	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
377	Heritability of submaximal exercise heart rate response to exercise training is accounted for by nine SNPs. <i>Journal of Applied Physiology</i> , 2012 , 112, 892-7	3.7	34
376	The human obesity gene map: the 1996 update. <i>Obesity</i> , 1997 , 5, 49-61		34
375	Genetics of abdominal visceral fat levels. <i>American Journal of Human Biology</i> , 1999 , 11, 225-235	2.7	34
374	Reproducibility of cardiovascular, respiratory, and metabolic responses to submaximal exercise: the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 259-65	1.2	34
373	Contributions of cardiorespiratory fitness and visceral adiposity to six-year changes in cardiometabolic risk markers in apparently healthy men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 1462-8	5.6	33
372	Androstane-3alpha,17beta-diol glucuronide as a steroid correlate of visceral obesity in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 1528-34	5.6	33
371	Somatotype and cardiovascular risk factors in healthy adults. <i>American Journal of Human Biology</i> , 1997 , 9, 11-19	2.7	33
370	Multivitamin and dietary supplements, body weight and appetite: results from a cross-sectional and a randomised double-blind placebo-controlled study. <i>British Journal of Nutrition</i> , 2008 , 99, 1157-67	3.6	33
369	Familial resemblance of 7-year changes in body mass and adiposity. <i>Obesity</i> , 2002 , 10, 507-17		33
368	Is adiposity at normal body weight relevant for cardiovascular disease risk?. <i>International Journal of Obesity</i> , 2002 , 26, 176-83	5.5	33
367	Evidence of LPL gene-exercise interaction for body fat and LPL activity: the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 2001 , 91, 1334-40	3.7	33

366	Population evaluations of health related fitness from perceptions of physical activity and fitness. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1994 , 19, 151-73	33
365	The effect of prior exercise and caffeine ingestion on metabolic rate and hormones in young adult males. <i>Canadian Journal of Physiology and Pharmacology</i> , 1989 , 67, 10-6	2.4 33
364	Ethnic differences in self-reported and measured obesity. <i>Obesity</i> , 2009 , 17, 571-7	8 32
363	Polymorphism in exon 6 of the dopamine D(2) receptor gene (DRD2) is associated with elevated blood pressure and personality disorders in men. <i>Journal of Human Hypertension</i> , 2001 , 15, 553-8	2.6 32
362	The hormone-sensitive lipase gene and body composition: the HERITAGE Family Study. <i>International Journal of Obesity</i> , 2002 , 26, 220-7	5.5 32
361	Physical exercise and blood pressure with reference to the angiotensinogen M235T polymorphism. <i>Physiological Genomics</i> , 2002 , 10, 71-7	3.6 32
360	Linkage and association studies of the lipoprotein lipase gene with postheparin plasma lipase activities, body fat, and plasma lipid and lipoprotein concentrations: the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 432-9	12.7 32
359	Non linear weight gain with long term overfeeding in man. <i>Obesity</i> , 1993 , 1, 179-85	32
358	Is weight fluctuation a risk factor?. <i>New England Journal of Medicine</i> , 1991 , 324, 1887-9	59.2 32
357	Familial lipoprotein lipase-activity deficiency: study of total body fatness and subcutaneous fat tissue distribution. <i>Metabolism: Clinical and Experimental</i> , 1989 , 38, 1005-9	12.7 32
356	Heredity and trainability of aerobic and anaerobic performances. An update. <i>Sports Medicine</i> , 1988 , 5, 69-73	10.6 32
355	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018 , 13, e0198166	3.7 31
354	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019 , 10, 5121	17.4 31
353	The importance of waist circumference and BMI for mortality risk in diabetic adults. <i>Diabetes Care</i> , 2013 , 36, 3128-30	14.6 31
352	Performance of genotype imputations using data from the 1000 Genomes Project. <i>Human Heredity</i> , 2012 , 73, 18-25	1.1 31
351	Familial aggregation of obesity, candidate genes and quantitative trait loci. <i>Current Opinion in Lipidology</i> , 1997 , 8, 205-11	4.4 31
350	DNA polymorphism in the uncoupling protein 1 (UCP1) gene has no effect on obesity related phenotypes in the Swedish Obese Subjects cohorts. <i>International Journal of Obesity</i> , 1998 , 22, 500-5	5.5 31
349	Evidence for at least two major loci influencing human fatness. <i>American Journal of Human Genetics</i> , 1998 , 63, 831-8	11 31

348	Genome-wide linkage scan for exercise stroke volume and cardiac output in the HERITAGE Family Study. <i>Physiological Genomics</i> , 2002 , 10, 57-62	3.6	31
347	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
346	Measured maximal heart rates compared to commonly used age-based prediction equations in the Heritage Family Study. <i>American Journal of Human Biology</i> , 2013 , 25, 695-701	2.7	30
345	Longitudinal examination of age-predicted symptom-limited exercise maximum HR. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1519-27	1.2	30
344	Increased abdominal obesity, insulin and glucose levels in nondiabetic subjects with a T29C polymorphism of the transforming growth factor-beta1 gene. <i>Hormone Research in Paediatrics</i> , 2003 , 59, 191-4	3.3	30
343	Reproducibility of resting blood pressure and heart rate measurements. The HERITAGE Family Study. <i>Annals of Epidemiology</i> , 2000 , 10, 271-7	6.4	30
342	Race differences in the response of postheparin plasma lipoprotein lipase and hepatic lipase activities to endurance exercise training in men: results from the HERITAGE Family Study. <i>Atherosclerosis</i> , 2001 , 159, 399-406	3.1	30
341	Muscle genetic variants and relationship with performance and trainability. <i>Medicine and Science in Sports and Exercise</i> , 1989 , 21, 71-7	1.2	30
340	Where is the beef? Waist circumference is more highly correlated with BMI and total body fat than with abdominal visceral fat in children. <i>International Journal of Obesity</i> , 2014 , 38, 753-4	5.5	29
339	Fundamentals of nutrigenetics and nutrigenomics. <i>Progress in Molecular Biology and Translational Science</i> , 2012 , 108, 1-15	4	29
338	Can obesity be prevented?. <i>Nutrition Reviews</i> , 1996 , 54, S125-30	6.4	29
337	Sex differences in the relationships of abdominal fat to cardiovascular disease risk among normal-weight white subjects. <i>International Journal of Obesity</i> , 2004 , 28, 320-3	5.5	29
336	Hepatic lipase gene variant -514C>T is associated with lipoprotein and insulin sensitivity response to regular exercise: the HERITAGE Family Study. <i>Diabetes</i> , 2005 , 54, 2251-5	0.9	29
335	Familial resemblance in ventilatory threshold: the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 1832-40	1.2	29
334	Association Between Uncoupling Protein 3 Gene and Obesity-Related Phenotypes in the QuBec Family Study. <i>Molecular Medicine</i> , 2001 , 7, 433-441	6.2	29
333	Body fat, resting and exercise blood pressure and the angiotensinogen M235T polymorphism: the heritage family study. <i>Obesity</i> , 1999 , 7, 423-30		29
332	Fitness and fat patterning among athletes at the Montreal Olympic Games, 1976. <i>Medicine and Science in Sports and Exercise</i> , 1982 , 14, 445-52	1.2	29
331	Polymorphisms in the leptin and leptin receptor genes in relation to resting metabolic rate and respiratory quotient in the QuBec Family Study. <i>International Journal of Obesity</i> , 2006 , 30, 183-90	5.5	28

330	Computed tomography-measured trunk fat and plasma lipoprotein levels in nonobese women. <i>Metabolism: Clinical and Experimental</i> , 1989, 38, 1244-50	12.7	28
329	Heredity and changes in body composition and adipose tissue metabolism after short-term exercise-training. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1987, 56, 398-402		28
328	ACTN3 R577X and other polymorphisms are not associated with elite endurance athlete status in the Genathlete study. <i>Journal of Sports Sciences</i> , 2010, 28, 1355-9	3.6	27
327	Cross-trait familial resemblance for body fat and blood lipids: familial correlations in the Quebec Family Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 3270-7	9.4	27
326	Quantitative trait locus on 15q for a metabolic syndrome variable derived from factor analysis. <i>Obesity</i> , 2007, 15, 544-50	8	27
325	The association between vigorous physical activities and fat deposition in male adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 392-5	1.2	27
324	Physical training and changes in regional adipose tissue distribution. <i>Acta Medica Scandinavica</i> , 1988, 723, 205-12		26
323	Association of GWAS-based candidate genes with HDL-cholesterol levels before and after bariatric surgery in the Swedish obese subjects study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E953-7	5.6	26
322	Association of OSBPL11 gene polymorphisms with cardiovascular disease risk factors in obesity. <i>Obesity</i> , 2009, 17, 1466-72	8	26
321	Fat gain in female swimmers. <i>Physiology and Behavior</i> , 1997, 61, 811-7	3.5	26
320	A major haplotype block at the rho-associated kinase 2 locus is associated with a lower risk of hypertension in a recessive manner: the HYPGENE study. <i>Hypertension Research</i> , 2008, 31, 1651-7	4.7	26
319	Familial resemblance for muscle phenotypes in the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1360-6	1.2	26
318	A genetic study of sex hormone-binding globulin measured before and after a 20-week endurance exercise training program: the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 1014-20	12.7	26
317	Lipogenesis and lipoprotein lipase in human adipose tissue: reproducibility of measurements and relationships with fat cell size. <i>Canadian Journal of Physiology and Pharmacology</i> , 1984, 62, 1448-52	2.4	26
316	Three mitochondrial DNA restriction polymorphisms in elite endurance athletes and sedentary controls. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 687-90	1.2	26
315	Advances in exercise, fitness, and performance genomics in 2014. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1105-12	1.2	25
314	Insulin resistance, low cardiorespiratory fitness, and increased exercise blood pressure: contribution of abdominal obesity. <i>Hypertension</i> , 2011, 58, 1036-42	8.5	25
313	Effects of cholesterol ester transfer protein (CETP) gene on adiposity in response to long-term overfeeding. <i>Atherosclerosis</i> , 2008, 196, 455-460	3.1	25

312	Physical fitness and the metabolic syndrome in adults from the Quebec Family Study. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005 , 30, 140-56	25
311	Plasma leptin response to an epinephrine infusion in lean and obese women. <i>Obesity</i> , 2002 , 10, 6-13	25
310	The peroxisome proliferator-activated receptor alpha L162V mutation is associated with reduced adiposity. <i>Obesity</i> , 2003 , 11, 809-16	25
309	Titin is a candidate gene for stroke volume response to endurance training: the HERITAGE Family Study. <i>Physiological Genomics</i> , 2003 , 15, 27-33	3.6 25
308	Menopause, estrogen, and training effects on exercise hemodynamics: the HERITAGE study. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 74-82	1.2 25
307	Polymorphism in exon 4 of the human 3 beta-hydroxysteroid dehydrogenase type I gene (HSD3B1) and blood pressure. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 293, 629-32	3.4 25
306	Familial risk of overweight and obesity in the Canadian population using the WHO/NIH criteria. <i>Obesity</i> , 2000 , 8, 194-7	25
305	Major gene influence on the propensity to store fat in trunk versus extremity depots: evidence from the QuBeC Family Study. <i>Obesity</i> , 1995 , 3, 1-8	25
304	Heredity and the path to overweight and obesity. <i>Medicine and Science in Sports and Exercise</i> , 1991 , 23, 285??291	1.2 25
303	Acute effects of endurance exercise on human adipose tissue metabolism. <i>Metabolism: Clinical and Experimental</i> , 1987 , 36, 480-5	12.7 25
302	The role of eating behavior traits in mediating genetic susceptibility to obesity. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 445-452	7 25
301	Muscle adiposity and body fat distribution in type 1 and type 2 diabetes: varying relationships according to diabetes type. <i>International Journal of Obesity</i> , 2006 , 30, 1721-8	5.5 24
300	Pleiotropic QTL on chromosome 19q13 for triglycerides and adiposity: the HERITAGE Family Study. <i>Atherosclerosis</i> , 2006 , 185, 426-32	3.1 24
299	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
298	Genomic scan of glucose and insulin metabolism phenotypes: the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 246-53	12.7 24
297	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
296	Inheritance of human muscle enzyme adaptation to isokinetic strength training. <i>Human Heredity</i> , 1986 , 36, 341-7	1.1 24
295	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4 24

294	The Effects of Regular Exercise on Circulating Cardiovascular-related MicroRNAs. <i>Scientific Reports</i> , 2019 , 9, 7527	4.9	23
293	Anthropometric markers of obesity and mortality in white and African American adults: the pennington center longitudinal study. <i>Obesity</i> , 2013 , 21, 1070-5	8	23
292	Sedentary behaviour, visceral fat accumulation and cardiometabolic risk in adults: a 6-year longitudinal study from the Quebec Family Study. <i>PLoS ONE</i> , 2013 , 8, e54225	3.7	23
291	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	
290	Meta-analysis of genome-wide scans for blood pressure in African American and Nigerian samples. The National Heart, Lung, and Blood Institute GeneLink Project. <i>American Journal of Hypertension</i> , 2006 , 19, 270-4	2.3	23
289	A polymorphism in the regulatory region of the corticotropin-releasing hormone gene in relation to cortisol secretion, obesity, and gene-gene interaction. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 1059-62	12.7	23
288	Familial clustering of abdominal visceral fat and total fat mass: the QuBec Family Study. <i>Obesity</i> , 1996 , 4, 253-61	23	
287	Segregation analysis of body mass index in an unselected French-Canadian sample: the QuBec Family Study. <i>Obesity</i> , 1993 , 1, 288-94	23	
286	Linkage and Association of the Sodium Potassium-Adenosine Triphosphatase '2 and '1 Genes with Respiratory Quotient and Resting Metabolic Rate in the Quebec Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 2093-2097	5.6	23
285	KIF5B gene sequence variation and response of cardiac stroke volume to regular exercise. <i>Physiological Genomics</i> , 2009 , 36, 79-88	3.6	22
284	The TNF-alpha G-308A polymorphism is associated with C-reactive protein levels: the HERITAGE Family Study. <i>Vascular Pharmacology</i> , 2006 , 44, 377-83	5.9	22
283	Stability of adiposity phenotypes from childhood and adolescence into young adulthood with contribution of parental measures. <i>Obesity</i> , 2001 , 9, 394-400	22	
282	Metabolic heterogeneity underlying postprandial lipemia among men with low fasting high density lipoprotein cholesterol concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4575-82	5.6	22
281	Plasma steroids, body composition, and fat distribution: effects of age, sex, and exercise training. <i>International Journal of Obesity</i> , 2018 , 42, 1366-1377	5.5	21
280	Predictors of body composition and body energy changes in response to chronic overfeeding. <i>International Journal of Obesity</i> , 2014 , 38, 236-42	5.5	21
279	A variant in the LRRKIP1 gene is associated with adiposity and inflammation. <i>Obesity</i> , 2013 , 21, 185-92	8	21
278	Invited commentary: Physical activity, mortality, and genetics. <i>American Journal of Epidemiology</i> , 2007 , 166, 260-2	3.8	21
277	Resting metabolic rate and respiratory quotient: results from a genome-wide scan in the Quebec Family Study. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 1527-33	7	21

276	Complex segregation analysis of blood pressure and heart rate measured before and after a 20-week endurance exercise training program: the HERITAGE Family Study. <i>American Journal of Hypertension</i> , 2000 , 13, 488-97	2.3	21
275	Linkage and association of the sodium potassium-adenosine triphosphatase alpha2 and beta1 genes with respiratory quotient and resting metabolic rate in the Quebec Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 2093-7	5.6	21
274	Spousal resemblance and risk of 7-year increases in obesity and central adiposity in the Canadian population. <i>Obesity</i> , 1999 , 7, 545-51		21
273	Plasma high-density lipoprotein cholesterol but not apolipoprotein A-I is a good correlate of the visceral obesity-insulin resistance dyslipidemic syndrome. <i>Metabolism: Clinical and Experimental</i> , 1996 , 45, 882-8	12.7	21
272	Apolipoprotein E polymorphism and the relationships of physical fitness to plasma lipoprotein-lipid levels in men and women. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 692-7	1.2	21
271	LDL triglycerides, hepatic lipase activity, and coronary artery disease: An epidemiologic and Mendelian randomization study. <i>Atherosclerosis</i> , 2019 , 282, 37-44	3.1	20
270	Advances in exercise, fitness, and performance genomics in 2013. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 851-9	1.2	20
269	Genetic factors in the regulation of adipose tissue distribution. <i>Acta Medica Scandinavica</i> , 1988 , 723, 135-41		20
268	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
267	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
266	Endothelial nitric oxide synthase gene polymorphism and elite endurance athlete status: the Genathlete study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008 , 18, 485-90	4.6	20
265	A quantitative trait locus for body fat on chromosome 1q43 in French Canadians: linkage and association studies. <i>Obesity</i> , 2006 , 14, 1605-15	8	20
264	Effect of regular exercise on homocysteine concentrations: the HERITAGE Family Study. <i>European Journal of Applied Physiology</i> , 2006 , 98, 394-401	3.4	20
263	The R511Q Polymorphism in the α -Fibrinogen Gene and Response of Plasma Fibrinogen to Physical Training. <i>Thrombosis and Haemostasis</i> , 2000 , 83, 803-806	7	20
262	TGF-beta(1) gene-race interactions for resting and exercise blood pressure in the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 2001 , 91, 1808-13	3.7	20
261	The genetics of obesity: from genetic epidemiology to molecular markers. <i>Trends in Molecular Medicine</i> , 1995 , 1, 45-50		20
260	Genetics of obesity and human energy metabolism. <i>Proceedings of the Nutrition Society</i> , 1991 , 50, 139-47	2.9	20
259	Association of Dimethylguanidino Valeric Acid With Partial Resistance to Metabolic Health Benefits of Regular Exercise. <i>JAMA Cardiology</i> , 2019 , 4, 636-643	16.2	19

258	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
257	The Mspl 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
256	Genes, fat intake, and cardiovascular disease risk factors in the Quebec Family Study. <i>Obesity</i> , 2007 , 15, 2336-47	8	19
255	Protein tyrosine phosphatase 1B variant associated with fat distribution and insulin metabolism. <i>Obesity</i> , 2005 , 13, 829-34		19
254	Serum lipids, lipoproteins, and lipid metabolizing enzymes in identical twins discordant for obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 2792-9	5.6	19
253	Genetic influences on energy expenditure in humans. <i>Critical Reviews in Food Science and Nutrition</i> , 1993 , 33, 345-50	11.5	19
252	CREB1 is a strong genetic predictor of the variation in exercise heart rate response to regular exercise: the HERITAGE Family Study. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 294-9		18
251	Severe obesity is associated with novel single nucleotide polymorphisms of the ESR1 and PPARgamma locus in Han Chinese. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 255-62	7	18
250	Functional identification of the promoter of SLC4A5, a gene associated with cardiovascular and metabolic phenotypes in the HERITAGE Family Study. <i>European Journal of Human Genetics</i> , 2009 , 17, 1481-9	5.3	18
249	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
248	CETP genotypes and HDL-cholesterol phenotypes in the HERITAGE Family Study. <i>Physiological Genomics</i> , 2007 , 31, 25-31	3.6	18
247	Total body fat and abdominal visceral fat response to exercise training in the HERITAGE Family Study: evidence for major locus but no multifactorial effects. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 1278-86	12.7	18
246	Principal components of fitness: relationship to physical activity and lifestyle. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1994 , 19, 200-14		18
245	Maximal anaerobic performance of the knee extensor muscles during growth. <i>Medicine and Science in Sports and Exercise</i> , 1991 , 23, 1083??1089	1.2	18
244	Relevance of omental pericellular adipose tissue collagen in the pathophysiology of human abdominal obesity and related cardiometabolic risk. <i>International Journal of Obesity</i> , 2016 , 40, 1823-1831	5.5	18
243	Ethnic differences in body composition and other markers of cardiovascular disease risk: study in matched Haitian and White subjects from Quebec. <i>Obesity</i> , 2006 , 14, 1019-27	8	17
242	Na+-K+-ATPase alpha 2-gene and skeletal muscle characteristics in response to long-term overfeeding. <i>Journal of Applied Physiology</i> , 2003 , 94, 1870-4	3.7	17
241	G-308A polymorphism of the tumor necrosis factor alpha gene promoter and salivary cortisol secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 2178-80	5.6	17

240	Mitochondrial DNA sequence polymorphism, VO ₂ max, and response to endurance training. <i>Medicine and Science in Sports and Exercise</i> , 1993 , 25, 766-74	1.2	17
239	Lack of relationship between changes in adiposity and plasma lipids following endurance training. <i>Atherosclerosis</i> , 1985 , 54, 135-43	3.1	17
238	Submaximal working capacity, heart size and body size in boys 8-18 years. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1977 , 36, 115-26		17
237	Protein intake and the incidence of pre-diabetes and diabetes in 4 population-based studies: the PREVIEW project. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1310-1318	7	16
236	The biology of human overfeeding: A systematic review. <i>Obesity Reviews</i> , 2020 , 21, e13040	10.6	16
235	Somatotype and indicators of metabolic fitness in youth. <i>American Journal of Human Biology</i> , 1998 , 10, 341-350	2.7	16
234	Relationship between lipid peroxidation and plasma fibrinogen in middle-aged men. <i>Thrombosis Research</i> , 2000 , 99, 453-9	8.2	16
233	Changes in plasma electrolytes and muscle substrates during short-term maximal exercise in humans. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1995 , 20, 89-101		16
232	Genetic pleiotropy for resting metabolic rate with fat-free mass and fat mass: the QuBec Family Study. <i>Obesity</i> , 1996 , 4, 125-31		16
231	Genotype-influenced changes in serum HDL cholesterol after short-term overfeeding in man: association with plasma insulin and triglyceride levels. <i>Metabolism: Clinical and Experimental</i> , 1987 , 36, 363-8	12.7	16
230	Effect of the amount of body fat on the age-associated increase in serum cholesterol. <i>Preventive Medicine</i> , 1988 , 17, 423-31	4.3	16
229	The alpha 2-adrenergic receptor gene and body fat content and distribution: the HERITAGE Family Study. <i>Molecular Medicine</i> , 2002 , 8, 88-94	6.2	16
228	Association of skeletal muscle and serum metabolites with maximum power output gains in response to continuous endurance or high-intensity interval training programs: The TIMES study - A randomized controlled trial. <i>PLoS ONE</i> , 2019 , 14, e0212115	3.7	15
227	Workplace standing time and the incidence of obesity and type 2 diabetes: a longitudinal study in adults. <i>BMC Public Health</i> , 2015 , 15, 111	4.1	15
226	Predicting adult body mass index-specific metabolic risk from childhood. <i>Metabolic Syndrome and Related Disorders</i> , 2010 , 8, 165-72	2.6	15
225	Ethnic differences in subcutaneous adiposity and waist girth in children and adolescents. <i>Obesity</i> , 2009 , 17, 2075-81	8	15
224	The influence of anatomical boundaries, age, and sex on the assessment of abdominal visceral fat. <i>Obesity</i> , 1997 , 5, 395-401		15
223	Contribution of several candidate gene polymorphisms in the determination of adiposity changes: results from the QuBec Family Study. <i>International Journal of Obesity</i> , 2007 , 31, 891-9	5.5	15

222	Associations between USF1 gene variants and cardiovascular risk factors in the Quebec Family Study. <i>Clinical Genetics</i> , 2007 , 71, 245-53	4	15
221	Genome-wide linkage scan for submaximal exercise heart rate in the HERITAGE family study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H3366-71	5.2	15
220	Evidence of QTLs on chromosomes 1q42 and 8q24 for LDL-cholesterol and apoB levels in the HERITAGE family study. <i>Journal of Lipid Research</i> , 2005 , 46, 281-6	6.3	15
219	Genetic variability in responses to caloric restriction in animals and in regulation of metabolism and obesity in humans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2001 , 56 Spec No 1, 55-65	6.4	15
218	Decreased fasting and oral glucose stimulated C-peptide in nondiabetic subjects with sequence variants in the sulfonylurea receptor 1 gene. <i>Diabetes</i> , 2001 , 50, 697-702	0.9	15
217	Major gene effects on exercise ventilatory threshold: the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 2002 , 93, 1000-6	3.7	15
216	A genetic study of cortisol measured before and after endurance training: the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , 2002 , 51, 360-5	12.7	15
215	Lack of association between the uncoupling protein-2 Ala55Val gene polymorphism and phenotypic features of the Metabolic Syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002 , 1588, 103-5	6.9	15
214	Segregation analysis of apolipoproteins A-1 and B-100 measured before and after an exercise training program: the HERITAGE Family Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 807-14	9.4	15
213	Race differences in the pattern of familial aggregation for dehydroepiandrosterone sulfate and its responsiveness to training in the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 916-20	12.7	15
212	Visceral adipose tissue and low-density lipoprotein particle size in middle-aged versus young men. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 1322-7	12.7	15
211	Segregation analysis of body mass index in a large sample selected for obesity: the Swedish Obese Subjects study. <i>Obesity</i> , 1999 , 7, 246-55		15
210	Relation between BglII polymorphism in 3beta-hydroxysteroid dehydrogenase gene and adipose tissue distribution in humans. <i>Obesity</i> , 1994 , 2, 444-9		15
209	Advances in selected areas of human work physiology. <i>American Journal of Physical Anthropology</i> , 1981 , 24, 1-36	2.5	15
208	Small, Dense LDL Particle Concentration Correlates with Plasminogen Activator Inhibitor Type-1 (PAI-1) Activity. <i>Thrombosis and Haemostasis</i> , 1997 , 78, 1495-1499	7	15
207	An Empirical Comparison of Joint and Stratified Frameworks for Studying GE Interactions: Systolic Blood Pressure and Smoking in the CHARGE Gene-Lifestyle Interactions Working Group. <i>Genetic Epidemiology</i> , 2016 , 40, 404-15	2.6	15
206	Neurotensin in the nucleus accumbens reverses dopamine supersensitivity evoked by antipsychotic treatment. <i>Neuropharmacology</i> , 2017 , 123, 10-21	5.5	14
205	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633	5.6	14

204	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
203	The Role of Eif6 in Skeletal Muscle Homeostasis Revealed by Endurance Training Co-expression Networks. <i>Cell Reports</i> , 2017 , 21, 1507-1520	10.6 14
202	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
201	Race and sex similarities in exercise-induced changes in blood lipids and fatness. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 1610-5	1.2 14
200	The Trp64Arg polymorphism of the beta3-adrenergic receptor gene is not associated with training-induced changes in body composition: The HERITAGE Family Study. <i>Obesity</i> , 2001 , 9, 337-41	14
199	Familial resemblance in somatotype. <i>American Journal of Human Biology</i> , 1993 , 5, 265-272	2.7 14
198	Physical Activity, Fibrinogen Plasma Level and Gene Polymorphisms in Postmenopausal Women. <i>Thrombosis and Haemostasis</i> , 1997 , 78, 840-844	7 14
197	Gene-exercise interactions. <i>Progress in Molecular Biology and Translational Science</i> , 2012 , 108, 447-60	4 13
196	Evidence for interaction between PPARG Pro12Ala and PPARC1A 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
195	Acetylcholine receptor M2 gene variants, heart rate recovery, and risk of cardiac death after an acute myocardial infarction. <i>Annals of Medicine</i> , 2009 , 41, 197-207	1.5 13
194	Gene-nutrition and gene-physical activity interactions in the etiology of obesity. Introduction. <i>Obesity</i> , 2008 , 16 Suppl 3, S2-4	8 13
193	Pleiotropic QTL on chromosome 12q23-q24 influences triglyceride and high-density lipoprotein cholesterol levels: the HERITAGE family study. <i>Human Biology</i> , 2006 , 78, 317-27	1.2 13
192	Evidence of QTLs on chromosomes 13q and 14q for triglycerides before and after 20 weeks of exercise training: the HERITAGE Family Study. <i>Atherosclerosis</i> , 2005 , 182, 349-60	3.1 13
191	Heritability of LDL peak particle diameter in the Quebec Family Study. <i>Genetic Epidemiology</i> , 2003 , 25, 375-81	2.6 13
190	Haplotypes in the phospholipid transfer protein gene are associated with obesity-related phenotypes: the QuBec Family Study. <i>International Journal of Obesity</i> , 2005 , 29, 1338-45	5.5 13
189	Familial risk ratios for high and low physical fitness levels in the Canadian population. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 614-9	1.2 13
188	Genetics of Obesity: What We Have Learned Over Decades of Research. <i>Obesity</i> , 2021 , 29, 802-820	8 13
187	DNA Sequence Variations Contribute to Variability in Fitness and Trainability. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1781-1785	1.2 13

186	Fine mapping of a QTL on chromosome 13 for submaximal exercise capacity training response: the HERITAGE Family Study. <i>European Journal of Applied Physiology</i> , 2012 , 112, 2969-78	3.4	12
185	Etiology of massive obesity: role of genetic factors. <i>World Journal of Surgery</i> , 1998 , 22, 907-12	3.3	12
184	Common genetic and environmental effects on lipid phenotypes: the HERITAGE family study. <i>Human Heredity</i> , 2005 , 59, 34-40	1.1	12
183	Polymorphisms in exon 3 of the proopiomelanocortin gene in relation to serum leptin, salivary cortisol, and obesity in Swedish men. <i>Metabolism: Clinical and Experimental</i> , 2002 , 51, 642-4	12.7	12
182	How obesity develops: insights from the new biology. <i>Endocrine</i> , 2000 , 13, 143-54		12
181	A major gene for resting metabolic rate unassociated with body composition: results from the QuBec Family Study. <i>Obesity</i> , 1996 , 4, 441-9		12
180	Genes and body fat. <i>American Journal of Human Biology</i> , 1993 , 5, 425-432	2.7	12
179	Lack of Correspondence Among Measures Identifying the Obese. <i>American Journal of Preventive Medicine</i> , 1991 , 7, 107-111	6.1	12
178	Skeletal age and submaximal working capacity in boys. <i>Annals of Human Biology</i> , 1978 , 5, 75-8	1.7	12
177	2011,		11
176	Influences of the phosphatidylcholine transfer protein gene variants on the LDL peak particle size. <i>Atherosclerosis</i> , 2007 , 195, 297-302	3.1	11
175	Quantitative trait locus on chromosome 20q13 for plasma levels of C-reactive protein in healthy whites: the HERITAGE Family Study. <i>Physiological Genomics</i> , 2006 , 27, 103-7	3.6	11
174	Estimated daily energy expenditure and blood lipids in adolescents: the QuBec Family Study. <i>Journal of Adolescent Health</i> , 2003 , 33, 147-53	5.8	11
173	Effects of long-term overfeeding on plasma lipoprotein levels in identical twins. <i>Atherosclerosis</i> , 2004 , 173, 277-83	3.1	11
172	Meta-analysis of genome-wide linkage studies for quantitative lipid traits in African Americans. <i>Human Molecular Genetics</i> , 2005 , 14, 3955-62	5.6	11
171	Genetics and blood pressure response to exercise, and its interactions with adiposity. <i>Preventive Cardiology</i> , 2002 , 5, 138-44		11
170	Familial aggregation of subcutaneous fat patterning: Principal components of skinfolds in the QuBec family study. <i>American Journal of Human Biology</i> , 1996 , 8, 535-542	2.7	11
169	Is the response of plasma glucose and insulin to short-term exercise-training genetically determined?. <i>Hormone and Metabolic Research</i> , 1987 , 19, 65-7	3.1	11

168	Age at menarche, family size, and birth order in athletes at the Montreal Olympic Games, 1976. <i>Medicine and Science in Sports and Exercise</i> , 1979, 11, 354??358	1.2	11
167	Exploring the underlying biology of intrinsic cardiorespiratory fitness through integrative analysis of genomic variants and muscle gene expression profiling. <i>Journal of Applied Physiology</i> , 2019, 126, 1292??314	2.7	11
166	Parental eating behavior traits are related to offspring BMI in the QuBec Family Study. <i>International Journal of Obesity</i> , 2013, 37, 1422-6	5.5	10
165	Single nucleotide polymorphisms in the myostatin (MSTN) and muscle creatine kinase (CKM) genes are not associated with elite endurance performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 841-5	4.6	10
164	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
163	Abdominal adiposity depots are correlates of adverse cardiometabolic risk factors in Caucasian and African-American adults. <i>Nutrition and Diabetes</i> , 2011, 1, e2	4.7	10
162	Fasting plasma total ghrelin concentrations in monozygotic twins discordant for obesity. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 174-9	12.7	10
161	Relationship between changes in physical activity and plasma insulin during a 2.5-year follow-up study. <i>Metabolism: Clinical and Experimental</i> , 1997, 46, 1418-23	12.7	10
160	Effects of long-term negative energy balance with exercise on plasma lipid and lipoprotein levels in identical twins. <i>Atherosclerosis</i> , 2004, 172, 127-33	3.1	10
159	Interactions among the glucocorticoid receptor, lipoprotein lipase, and adrenergic receptor genes and plasma insulin and lipid levels in the Quebec Family Study. <i>Metabolism: Clinical and Experimental</i> , 2001, 50, 246-52	12.7	10
158	Angiogenin gene-race interaction for resting and exercise BP phenotypes: the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 2001, 90, 1232-8	3.7	10
157	Fat balance and ageing: results from the QuBec Family Study. <i>British Journal of Nutrition</i> , 1998, 79, 413-8	3.6	10
156	Anaerobic performances in Black and White subjects. <i>Medicine and Science in Sports and Exercise</i> , 1990, 22, 508??511	1.2	10
155	Variation in Plasma Fibrinogen over One Year: Relationships with Genetic Polymorphisms and Non-genetic Factors. <i>Thrombosis and Haemostasis</i> , 1997, 77, 0884-0889	7	10
154	Absence of linkage between VO ₂ max and its response to training with markers spanning chromosome 22. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 1448-53	1.2	10
153	BMI-specific waist circumference thresholds to discriminate elevated cardiometabolic risk in White and African American adults. <i>Obesity Facts</i> , 2013, 6, 317-24	5.1	9
152	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	
151	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

150	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
149	Mid-thigh subcutaneous adipose tissue and glucose tolerance in the Quebec Family study. <i>Obesity Facts</i> , 2008 , 1, 310-8	5.1	9
148	Evidence of linkage and association with body fatness and abdominal fat on chromosome 15q26. <i>Obesity</i> , 2007 , 15, 2061-70	8	9
147	Familial resemblance for plasma leptin: sample homogeneity across adiposity and ethnic groups. <i>Obesity</i> , 2002 , 10, 351-60		9
146	Combined effects of PPARgamma2 P12A and PPARalpha L162V polymorphisms on glucose and insulin homeostasis: the Quebec Family Study. <i>Journal of Human Genetics</i> , 2003 , 48, 614-621	4.3	9
145	Physical activity, aerobic fitness, and seven-year changes in adiposity in the Canadian population. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2002 , 27, 449-62		9
144	Physical Activity and Pulmonary Function in Youth: The Quebec Family Study. <i>Pediatric Exercise Science</i> , 1999 , 11, 208-217	2	9
143	Linkage of the Na,K-ATPase alpha 2 and beta 1 genes with resting and exercise heart rate and blood pressure: cross-sectional and longitudinal observations from the Quebec Family Study. <i>Journal of Hypertension</i> , 1999 , 17, 339-49	1.9	9
142	Relationships between skeletal maturity and submaximal working capacity in boys 8 to 18 years. <i>Medicine and Science in Sports and Exercise</i> , 1976 , 8, 186-90	1.2	9
141	C3 Polymorphism Influences Circulating Levels of C3, ASP and Lipids in Schizophrenic Patients. <i>Neurochemical Research</i> , 2015 , 40, 906-14	4.6	8
140	Genomic and transcriptomic predictors of triglyceride response to regular exercise. <i>British Journal of Sports Medicine</i> , 2015 , 49, 1524-31	10.3	8
139	Cross-sectional associations of acylation stimulating protein (ASP) and adipose tissue gene expression with estradiol and progesterone in pre- and postmenopausal women. <i>Clinical Endocrinology</i> , 2014 , 81, 736-45	3.4	8
138	Human variation in body mass: evidence for a role of the genes. <i>Nutrition Reviews</i> , 1997 , 55, S21-7; discussion S27-30	6.4	8
137	Fat mass modifies the association of fat-free mass with symptom-limited treadmill duration in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 385-91	7	8
136	Association between a variant at the GABA(A)alpha6 receptor subunit gene, abdominal obesity, and cortisol secretion. <i>Annals of the New York Academy of Sciences</i> , 2002 , 967, 566-70	6.5	8
135	Familiality of triglyceride and LPL response to exercise training: the HERITAGE study. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 1438-44	1.2	8
134	A study of some potential correlates of the hypotensive effects of prolonged submaximal exercise in normotensive men. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992 , 70, 53-9	2.4	8
133	Correlates of plasma very-low-density lipoprotein concentration and composition in premenopausal women. <i>Metabolism: Clinical and Experimental</i> , 1990 , 39, 577-83	12.7	8

132	Lack of genetic polymorphism in human skeletal muscle enzymes of the tricarboxylic acid cycle. <i>Human Genetics</i> , 1987 , 77, 200	6.3	8
131	Accuracy of prediction equations to estimate submaximal VO ₂ during cycle ergometry: the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 183-8	1.2	8
130	Effects of regular endurance exercise on GlycA: Combined analysis of 14 exercise interventions. <i>Atherosclerosis</i> , 2018 , 277, 1-6	3.1	7
129	Opposite modulation of brain stimulation reward by NMDA and AMPA receptors in the ventral tegmental area. <i>Frontiers in Systems Neuroscience</i> , 2013 , 7, 57	3.5	7
128	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
127	Association of single-nucleotide polymorphisms from 17 candidate genes with baseline symptom-limited exercise test duration and decrease in duration over 20 years: the Coronary Artery Risk Development in Young Adults (CARDIA) fitness study. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 531-8		7
126	Consistency of fat mass--fat-free mass relationship across ethnicity and sex groups. <i>British Journal of Nutrition</i> , 2011 , 105, 1272-6	3.6	7
125	Genome-wide linkage analysis for circulating levels of adipokines and C-reactive protein in the Quebec family study (QFS). <i>Journal of Human Genetics</i> , 2008 , 53, 629	4.3	7
124	7-year stability of blood pressure in the Canadian population. <i>Preventive Medicine</i> , 2000 , 31, 403-9	4.3	7
123	Physical activity, fitness, and plasma fibrinogen with reference to fibrinogen genotypes. <i>Medicine and Science in Sports and Exercise</i> , 1996 , 28, 1165-70	1.2	7
122	HRR and V̄O ₂ R Fractions Are Not Equivalent: Is It Time to Rethink Aerobic Exercise Prescription Methods?. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 174-182	1.2	7
121	Fitness change effects on midlife metabolic outcomes. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 967-73	1.2	6
120	Adaptation to Acute and Regular Exercise: From Reductionist Approaches to Integrative Biology. <i>Progress in Molecular Biology and Translational Science</i> , 2015 , 135, 1-15	4	6
119	Long-term programming of body size. <i>Nutrition Reviews</i> , 1996 , 54, S8-16	6.4	6
118	SNP-by-fitness and SNP-by-BMI interactions from seven candidate genes and incident hypertension after 20 years of follow-up: the CARDIA Fitness Study. <i>Journal of Human Hypertension</i> , 2011 , 25, 509-18	2.6	6
117	Reproducibility of the HERITAGE Family Study intervention protocol: drift over time. <i>Annals of Epidemiology</i> , 1997 , 7, 452-62	6.4	6
116	Studying gene-behavior interactions: summary of recommendations. <i>Obesity</i> , 2008 , 16 Suppl 3, S95-6	8	6
115	Apolipoprotein AI- and AI:AI-containing lipoproteins in white men and women of the HERITAGE Family study: Associations with metabolic risk profile variables. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 1530-6	12.7	6

114	Cross-trait familial resemblance for resting blood pressure and body composition and fat distribution: The HERITAGE Family study. <i>American Journal of Human Biology</i> , 2000 , 12, 32-41	2.7	6
113	A genetic study of dehydroepiandrosterone sulfate measured before and after a 20-week endurance exercise training program: the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 298-304	12.7	6
112	A new approach to the interpretation of Canadian Home Fitness Test scores. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1993 , 18, 304-16		6
111	Systolic blood pressure during submaximal exercise: an important correlate of cardiovascular disease risk factors in normotensive obese women. <i>Metabolism: Clinical and Experimental</i> , 1994 , 43, 18-23	12.7	6
110	Absence of charge variants in human skeletal muscle enzymes of the glycolytic pathway. <i>Human Genetics</i> , 1988 , 78, 100	6.3	6
109	Polygenic Risk, Fitness, and Obesity in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>JAMA Cardiology</i> , 2020 , 5, 40-48	16.2	6
108	Association between Mitochondrial DNA Sequence Variants and VO ₂ max Trainability. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2303-2309	1.2	6
107	Genetics of obesity in humans: current issues. <i>Novartis Foundation Symposium</i> , 1996 , 201, 108-15; discussion 115-7, 188-93		6
106	Commonality versus specificity among adiposity traits in normal-weight and moderately overweight adults. <i>International Journal of Obesity</i> , 2014 , 38, 719-23	5.5	5
105	Changes in uric acid levels following bariatric surgery are not associated with SLC2A9 variants in the Swedish Obese Subjects Study. <i>PLoS ONE</i> , 2012 , 7, e51658	3.7	5
104	Principal components analysis of morphological measures in the Quebec Family study: Familial correlations. <i>American Journal of Human Biology</i> , 1997 , 9, 725-733	2.7	5
103	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
102	Effect of exercise training on in vitro LDL oxidation and free radical-induced hemolysis: the HERITAGE Family Study. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 123-30	8.4	5
101	Familial Resemblance for Muscle Phenotypes: The HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 2017	1.2	5
100	Population differences in the pattern of familial aggregation for sex hormone-binding globulin and its response to exercise training: the HERITAGE Family Study. <i>American Journal of Human Biology</i> , 2001 , 13, 832-7	2.7	5
99	Major gene effect on subcutaneous fat distribution in a sedentary population and its response to exercise training: The HERITAGE Family Study. <i>American Journal of Human Biology</i> , 2000 , 12, 600-609	2.7	5
98	Evidence of pleiotropic loci for fasting insulin, total fat mass, and abdominal visceral fat in a sedentary population: the HERITAGE family study. <i>Obesity</i> , 2000 , 8, 151-9		5
97	Cardiac dimensions, physical activity, and submaximal working capacity in youth of the Quebec Family Study. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 2000 , 81, 40-6		5

96	Genome-wide linkage scan to detect loci influencing levels of dehydroepiandrosterones in the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 1315-22	12.7	5
95	A mitochondrial DNA D-loop polymorphism and obesity in three cohorts of women. <i>International Journal of Obesity</i> , 1999 , 23, 666-8	5.5	5
94	Fitness and risk factors for coronary disease. <i>Journal of Clinical Epidemiology</i> , 1990 , 43, 1005-12	5.7	5
93	Physical activity in the prevention and treatment of obesity and its comorbidities. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, S497	1.2	5
92	World-class athletic performance and genetic endowment. <i>Nature Metabolism</i> , 2020 , 2, 796-798	14.6	5
91	Genetic Determinants of Endurance Performance 2000 , 223-242		5
90	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. <i>PLoS ONE</i> , 2020 , 15, e0230815		4
89	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
88	Response to NWhy is the 3500 kcal per pound weight loss rule wrong?N <i>International Journal of Obesity</i> , 2013 , 37, 1614-5	5.5	4
87	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
86	Subclinical atherosclerosis and metabolic risk: role of body mass index and waist circumference. <i>Metabolic Syndrome and Related Disorders</i> , 2011 , 9, 119-25	2.6	4
85	Past dieting is related to rigid control and disinhibition in adolescents from the QuBec Family Study. <i>British Journal of Nutrition</i> , 2012 , 108, 1976-9	3.6	4
84	Genes, Exercise, and Psychological Factors 2010 , 294-305		4
83	Myeloperoxidase gene sequence variations are associated with low-density-lipoprotein characteristics. <i>Journal of Human Genetics</i> , 2008 , 53, 439-446	4.3	4
82	Detection of a Mspl restriction fragment length polymorphism for the human sex hormone-binding globulin (SHBG) gene. <i>Human Genetics</i> , 1994 , 93, 84	6.3	4
81	Cohabitation, activity level, and energy intake in parent-child resemblance for selected biological traits. <i>American Journal of Human Biology</i> , 1989 , 1, 209-215	2.7	4
80	Energy intake and physical fitness in children and adults of both sexes. <i>Nutrition Research</i> , 1984 , 4, 363-370		4
79	Whole Genome Sequence Analysis of the Plasma Proteome in Black Adults Provides Novel Insights into Cardiovascular Disease. <i>Circulation</i> , 2021 ,	16.7	4

78	Human plasma proteomic profiles indicative of cardiorespiratory fitness. <i>Nature Metabolism</i> , 2021 , 3, 786-797	14.6	4
77	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	15.1	3
76	Characterizing the Extent of Human Genetic Variation for Performance-Related Traits 2010 , 33-45		3
75	Race differences in reproducibilities: The HERITAGE family study. <i>American Journal of Human Biology</i> , 1997 , 9, 415-424	2.7	3
74	Lack of pleiotropic genetic effects between adiposity and sex hormone-binding globulin concentrations before and after 20 weeks of exercise training: the HERITAGE family study. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 35-41	12.7	3
73	Genetics of the Metabolic Syndrome 2005 , 401-450		3
72	Familial risk of high blood pressure in the Canadian population. <i>American Journal of Human Biology</i> , 2001 , 13, 620-5	2.7	3
71	Genetics of obesity and its prevention. <i>World Review of Nutrition and Dietetics</i> , 1993 , 72, 68-77	0.2	3
70	Heterogeneity among populations for familial aggregation of blood pressure. <i>American Journal of Human Biology</i> , 1991 , 3, 515-523	2.7	3
69	A Variant in the LRRKIP1 Gene Is Associated With Adiposity and Inflammation. <i>Obesity</i> , 2011 , 19, 103-110	8	3
68	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
67	The Genetics of Human Obesity		3
66	Genetic Predictors of Exercise Training Response. <i>Current Cardiovascular Risk Reports</i> , 2011 , 5, 368-372	0.9	2
65	Genetics and genomics of obesity: current status. <i>Progress in Molecular Biology and Translational Science</i> , 2010 , 94, 1-8	4	2
64	The Regulation of Physical Activity by Genetic Mechanisms: Is there a Drive to be Active? 2010 , 283-293		2
63	Genetics and Ethics in Elite Sport 2010 , 351-361		2
62	Time to move on. <i>Obesity</i> , 2007 , 15, 797	8	2
61	MC4R marker associated with stature in children and young adults: a longitudinal study. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2005 , 18, 859-63	1.6	2

60	Physical Activity and Coronary Heart Disease Risk Factors during Childhood and Adolescence. <i>Exercise and Sport Sciences Reviews</i> , 1990 , 18, 243??262	6.7	2
59	Familial resemblance in catecholamine changes to cold stress and maximal exercise. <i>Human Heredity</i> , 1983 , 33, 170-8	1.1	2
58	Dietary Mediators of the Genetic Susceptibility to Obesity - Results from the Quebec Family Study. <i>Journal of Nutrition</i> , 2021 ,	4.1	2
57	Regular exercise and patterns of response across multiple cardiometabolic traits: the HERITAGE family study. <i>British Journal of Sports Medicine</i> , 2021 ,	10.3	2
56	Plasma Steroids are Not Associated with Resting and Exercise Blood Pressure. <i>International Journal of Sports Medicine</i> , 2018 , 39, 967-971	3.6	2
55	Familial aggregation of body mass index and subcutaneous fat measures in the longitudinal Quebec family study 1999 , 16, 316		2
54	The Challenge of Stratifying Obesity: Attempts in the Quebec Family Study. <i>Frontiers in Genetics</i> , 2019 , 10, 994	4.5	1
53	The challenging chase for nutrigenetic predictors of metabolic responses to dietary interventions. <i>Diabetes Care</i> , 2013 , 36, 3379-81	14.6	1
52	Role of Genetics Factors in Sport Performance: Evidence from Family Studies 2010 , 90-100		1
51	Genes and Response to Training 2010 , 177-184		1
50	The ACE Gene and Performance 2010 , 195-203		1
49	Twin and Family Studies of Training Responses 2010 , 110-120		1
48	Genetic Epidemiology, Physical Activity, and Inactivity 2010 , 79-89		1
47	Response. <i>American Journal of Human Biology</i> , 1998 , 10, 280-281	2.7	1
46	Etiology of Obesity 2007 , 18-28		1
45	Genetics and Obesity: What Does It Mean to the Clinician?. <i>Obesity Management</i> , 2005 , 1, 100-104		1
44	Evidence of a major locus for lipoprotein lipase (LPL) activity in addition to a pleiotropic locus for both LPL and fasting insulin: results from the HERITAGE Family Study. <i>Atherosclerosis</i> , 1999 , 144, 393-403 ¹	1	1
43	EcoRI restriction fragment length polymorphism in human glycogen synthase gene. <i>Human Genetics</i> , 1993 , 92, 632	6.3	1

- 42 Genetics of Energy Expenditure in Humans **2020**, 135-145 1
- 41 Effect of Regular Aerobic Exercise on Plasma Homocysteine Concentrations. *Medicine and Science in Sports and Exercise*, **2004**, 36, S188-S189 1.2 1
- 40 Sex and Performance: Nature versus Nurture **2019**, 416-430 1
- 39 Genetics of Obesity: Family Studies **2020**, 79-92 1
- 38 Human Obesities. *Developments in Cardiovascular Medicine*, **1994**, 189-202 1
- 37 Multi-ancestry analysis of gene-sleep interactions in 126,926 individuals identifies multiple novel blood lipid loci that contribute to our understanding of sleep-associated adverse blood lipid profile 1
- 36 Pleiotropic relationships between cortisol levels and adiposity: The HERITAGE Family Study. *Obesity*, **2002**, 10, 1222-31 0
- 35 Genomics and transcriptomics landscapes associated to changes in insulin sensitivity in response to endurance exercise training. *Scientific Reports*, **2021**, 11, 23314 4.9 0
- 34 Genetic Determinants of Exercise Performance: Evidence from Transgenic and Null Mouse Models **2010**, 185-194
- 33 A Primer on Systems Biology, as Applied to Exercise Physiology and Metabolism **2010**, 307-318
- 32 Systems Biology Through Time Series Data A Strength of Muscle Remodeling **2010**, 319-329
- 31 Genes and Endurance Performance **2010**, 149-158
- 30 Mitochondrial DNA Sequence Variation and Performance **2010**, 215-226
- 29 Genes, Exercise, and Cardiovascular Phenotypes **2010**, 249-261
- 28 Genes, Exercise, and Lipid Metabolism **2010**, 227-239
- 27 The Human Genome and Epigenome **2010**, 1-13
- 26 Genes and Strength and Power Phenotypes **2010**, 159-176
- 25 Genes and Talent Selection **2010**, 362-372

- 24 SNPs from 17 Genes and Symptom-limited Exercise Test Duration Over 20 years: The Cardia Fitness Study. *Medicine and Science in Sports and Exercise*, **2010**, 42, 89 1.2
- 23 Locus on Chromosome 2q37 Is Associated With Hemodynamic Training Responses: The Heritage Family Study. *Medicine and Science in Sports and Exercise*, **2010**, 42, 799 1.2
- 22 Physical Activity and Obesity: Lessons from the HERITAGE Family Study. *Obesity Management*, **2008**, 4, 1-3
- 21 Genetic Determinants of Physical Performance 179-201
- 20 Nuclear-encoded subunits of human cytochrome c oxidase: SstI restriction fragment length polymorphism. *Human Genetics*, **1994**, 93, 347-8 6.3
- 19 Relationships of physical fitness, fatness, and lifestyle indicators with blood iron in children and adults. *American Journal of Human Biology*, **1995**, 7, 631-641 2.7
- 18 Adaptation to Positive and Negative Energy Balance in Humans: The Role of the Genotype **1991**, 201-213
- 17 Genetic Aspects of Human Obesities. *Frontiers in Diabetes*, **1992**, 11, 28-36 0.6
- 16 Adenosine deaminase, adenylate kinase and acid phosphatase polymorphism in a French-Canadian population. *Human Genetics*, **1987**, 75, 188 6.3
- 15 Adaptation to maximal effort. *Acta Geneticae Medicae Et Gemellologiae*, **1986**, 35, 119-20
- 14 The Human Genome, Physical Activity, Fitness, and Health. *Kinesiology Review*, **2021**, 1-7 2
- 13 Association Between CKMM Genotype and Endurance Performance Level in Hispanic Marathon Runners. *Medicine and Science in Sports and Exercise*, **2004**, 36, S260 1.2
- 12 Evaluation of ACSM Guidelines on Prescribing Exercise Intensity for ???Quite Unfit???. *Medicine and Science in Sports and Exercise*, **2004**, 36, S3 1.2
- 11 %Heart Rate Reserve Is Better Related to %VO₂max Than to %VO₂ reserve. *Medicine and Science in Sports and Exercise*, **2004**, 36, S3 1.2
- 10 Kcnj11 Gene Polymorphism And Endurance Performance Status In Hispanics. *Medicine and Science in Sports and Exercise*, **2005**, 37, S165 1.2
- 9 Endurance Exercise Training and High-Molecular Weight Adiponectin: the HERITAGE Family Study. *Medicine and Science in Sports and Exercise*, **2008**, 40, S290-S291 1.2
- 8 Defining the Genetic Basis of Obesity: Challenges and Opportunities **1995**, 219-224
- 7 Plasma Steroids and Cardiorespiratory Fitness Response to Regular Exercise. *Research and Perspectives in Endocrine Interactions*, **2017**, 25-42

- 6 Etiología de la obesidad **2009**, 18-28
- 5 9p21.3 Coronary Artery Disease Locus Identifies Patients With Treatment Benefit From Bariatric Surgery in the Nonrandomized Prospective Controlled Swedish Obese Subjects Study. *Circulation Genomic and Precision Medicine*, **2020**, 13, 460-465 5.2
- 4 Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815
- 3 Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815
- 2 Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815
- 1 Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815