

Claude Bouchard

List of Publications by Year in descending order

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Version: 2024-02-01

738
papers

76,408
citations

668

122
h-index

932

240
g-index

779
all docs

779
docs citations

779
times ranked

58032
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Bariatric Surgery on Mortality in Swedish Obese Subjects. <i>New England Journal of Medicine</i> , 2007, 357, 741-752.	13.9	4,094
2	Lifestyle, Diabetes, and Cardiovascular Risk Factors 10 Years after Bariatric Surgery. <i>New England Journal of Medicine</i> , 2004, 351, 2683-2693.	13.9	4,023
3	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
4	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	9.4	1,818
5	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, 460-468.	0.7	1,744
6	Growth, Maturation, and Physical Activity. , 2004, , .		1,432
7	Bariatric Surgery and Long-term Cardiovascular Events. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 56.	3.8	1,341
8	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
9	Sitting Time and Mortality from All Causes, Cardiovascular Disease, and Cancer. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 998-1005.	0.2	1,257
10	The Response to Long-Term Overfeeding in Identical Twins. <i>New England Journal of Medicine</i> , 1990, 322, 1477-1482.	13.9	1,160
11	The Human Obesity Gene Map: The 2005 Update. <i>Obesity</i> , 2006, 14, 529-644.	1.5	962
12	Trends over 5 Decades in U.S. Occupation-Related Physical Activity and Their Associations with Obesity. <i>PLoS ONE</i> , 2011, 6, e19657.	1.1	927
13	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.	3.8	849
14	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycaemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669.	9.4	762
15	Familial aggregation of $\dot{V}E_{\max}^2$ response to exercise training: results from the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 1999, 87, 1003-1008.	1.2	731
16	Biological interpretation of genome-wide association studies using predicted gene functions. <i>Nature Communications</i> , 2015, 6, 5890.	5.8	706
17	Bariatric Surgery and Prevention of Type 2 Diabetes in Swedish Obese Subjects. <i>New England Journal of Medicine</i> , 2012, 367, 695-704.	13.9	698
18	Individual differences in response to regular physical activity. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, S446-S451.	0.2	693

#	ARTICLE	IF	CITATIONS
19	Effects of bariatric surgery on cancer incidence in obese patients in Sweden (Swedish Obese Subjects) Tj ETQq1 1 0.784314 rgBT /Overl 5.1 659	5.1	659
20	Î ² -Aminoisobutyric Acid Induces Browning of White Fat and Hepatic Î ² -Oxidation and Is Inversely Correlated with Cardiometabolic Risk Factors. <i>Cell Metabolism</i> , 2014, 19, 96-108.	7.2	489
21	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.	3.9	446
22	Genetic and Nongenetic Determinants of Regional Fat Distribution. <i>Endocrine Reviews</i> , 1993, 14, 72-93.	8.9	436
23	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, 315-321.	2.2	432
24	The Relationship of Waist Circumference and BMI to Visceral, Subcutaneous, and Total Body Fat: Sex and Race Differences. <i>Obesity</i> , 2011, 19, 402-408.	1.5	421
25	Short Sleep Duration is Associated with Reduced Leptin Levels and Increased Adiposity: Results from the QuÃ©bec Family Study. <i>Obesity</i> , 2007, 15, 253-261.	1.5	420
26	The Human Gene Map for Performance and Health-Related Fitness Phenotypes. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 34-72.	0.2	409
27	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, 252-258.	0.2	400
28	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	18.7	353
29	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-e205.	1.0	347
30	Understanding the Cellular and Molecular Mechanisms of Physical Activity-Induced Health Benefits. <i>Cell Metabolism</i> , 2015, 22, 4-11.	7.2	345
31	Genomic predictors of the maximal O ₂ uptake response to standardized exercise training programs. <i>Journal of Applied Physiology</i> , 2011, 110, 1160-1170.	1.2	344
32	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, 139-148.	1.2	341
33	Race, Visceral Adipose Tissue, Plasma Lipids, and Lipoprotein Lipase Activity in Men and Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1932-1938.	1.1	340
34	The prediction of abdominal visceral fat level from body composition and anthropometry: ROC analysis. <i>International Journal of Obesity</i> , 1999, 23, 801-809.	1.6	331
35	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.	1.5	331
36	The Human Gene Map for Performance and Health-Related Fitness Phenotypes. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1863-1888.	0.2	323

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37	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, 517-523.	0.6	319
38	Effects of Exercise Training on Glucose Homeostasis: The HERITAGE Family Study. <i>Diabetes Care</i> , 2005, 28, 108-114.	4.3	310
39	Targeting the Metabolic Syndrome with Exercise: Evidence from the HERITAGE Family Study. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1703-1709.	0.2	298
40	Using molecular classification to predict gains in maximal aerobic capacity following endurance exercise training in humans. <i>Journal of Applied Physiology</i> , 2010, 108, 1487-1496.	1.2	296
41	Adverse Metabolic Response to Regular Exercise: Is It a Rare or Common Occurrence?. <i>PLoS ONE</i> , 2012, 7, e37887.	1.1	294
42	GENETIC AND ENVIRONMENTAL INFLUENCES ON LEVEL OF HABITUAL PHYSICAL ACTIVITY AND EXERCISE PARTICIPATION. <i>American Journal of Epidemiology</i> , 1989, 129, 1012-1022.	1.6	292
43	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013, 45, 621-631.	9.4	282
44	Impact of exercise intensity on body fatness and skeletal muscle metabolism. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 814-818.	1.5	273
45	Calcium intake, body composition, and lipoprotein-lipid concentrations in adults. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 1448-1452.	2.2	265
46	Plasma protein patterns as comprehensive indicators of health. <i>Nature Medicine</i> , 2019, 25, 1851-1857.	15.2	261
47	The Response to Exercise with Constant Energy Intake in Identical Twins. <i>Obesity</i> , 1994, 2, 400-410.	4.0	260
48	Effects of Endurance Exercise Training on Plasma HDL Cholesterol Levels Depend on Levels of Triglycerides. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1226-1232.	1.1	256
49	Aerobic performance in brothers, dizygotic and monozygotic twins. <i>Medicine and Science in Sports and Exercise</i> , 1986, 18, 639-646.	0.2	250
50	The Human Obesity Gene Map: The 2003 Update. <i>Obesity</i> , 2004, 12, 369-439.	4.0	247
51	The Human Obesity Gene Map: The 2004 Update. <i>Obesity</i> , 2005, 13, 381-490.	4.0	245
52	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	5.8	245
53	Aims, design, and measurement protocol. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 721-729.	0.2	242
54	Combined Influence of Body Mass Index and Waist Circumference on Coronary Artery Disease Risk Factors Among Children and Adolescents. <i>Pediatrics</i> , 2005, 115, 1623-1630.	1.0	239

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55	Genetic determinism of fiber type proportion in human skeletal muscle. <i>FASEB Journal</i> , 1995, 9, 1091-1095.	0.2	238
56	Physical Activity, Fitness, and Health. <i>Medicine and Science in Sports and Exercise</i> , 1994, 26, 119.	0.2	234
57	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, 967-973.	1.5	225
58	Genome-Wide Linkage Analysis of Systolic and Diastolic Blood Pressure. <i>Circulation</i> , 2000, 102, 1956-1963.	1.6	225
59	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, 1887-1889.	1.4	223
60	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. <i>Nature Genetics</i> , 2016, 48, 1162-1170.	9.4	223
61	Stability of indicators of the metabolic syndrome from childhood and adolescence to young adulthood. <i>Journal of Clinical Epidemiology</i> , 2001, 54, 190-195.	2.4	222
62	Prevalence of Risk Factors for Metabolic Syndrome in Adolescents. <i>JAMA Pediatrics</i> , 2009, 163, 371.	3.6	222
63	Maintaining a High Physical Activity Level Over 20 Years and Weight Gain. <i>JAMA - Journal of the American Medical Association</i> , 2010, 304, 2603.	3.8	222
64	Acute and chronic effects of exercise on leptin levels in humans. <i>Journal of Applied Physiology</i> , 1997, 83, 5-10.	1.2	220
65	Profiles of sedentary behavior in children and adolescents: The US National Health and Nutrition Examination Survey, 2001-2006. <i>Pediatric Obesity</i> , 2009, 4, 353-359.	3.2	210
66	A Glucocorticoid Receptor Gene Marker Is Associated with Abdominal Obesity, Leptin, and Dysregulation of the Hypothalamic-Pituitary-Adrenal Axis. <i>Obesity</i> , 2000, 8, 211-218.	4.0	209
67	A transcriptional map of the impact of endurance exercise training on skeletal muscle phenotype. <i>Journal of Applied Physiology</i> , 2011, 110, 46-59.	1.2	209
68	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, 1240-1247.	3.9	208
69	Genetic Variants of <i>FTO</i> Influence Adiposity, Insulin Sensitivity, Leptin Levels, and Resting Metabolic Rate in the Quebec Family Study. <i>Diabetes</i> , 2008, 57, 1147-1150.	0.3	206
70	Less Sitting, More Physical Activity, or Higher Fitness?. <i>Mayo Clinic Proceedings</i> , 2015, 90, 1533-1540.	1.4	204
71	Stromelysin-1 and Interleukin-6 Gene Promoter Polymorphisms Are Determinants of Asymptomatic Carotid Artery Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 2657-2662.	1.1	202
72	Utility of Childhood BMI in the Prediction of Adulthood Disease: Comparison of National and International References. <i>Obesity</i> , 2005, 13, 1106-1115.	4.0	201

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73	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, 835-847.	3.1	201
74	Age, sex, race, initial fitness, and response to training: the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 2001, 90, 1770-1776.	1.2	200
75	Racial differences in abdominal depot-specific adiposity in white and African American adults. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 7-15.	2.2	194
76	RAPID COMMUNICATIONS: Mutations in the Preproghrelin/Ghrelin Gene Associated with Obesity in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3996-3999.	1.8	193
77	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, 256-264.	4.0	188
78	The Human Obesity Gene Map: The 2002 Update. <i>Obesity</i> , 2003, 11, 313-367.	4.0	188
79	No association between the angiotensin-converting enzyme ID polymorphism and elite endurance athlete status. <i>Journal of Applied Physiology</i> , 2000, 88, 1571-1575.	1.2	185
80	Gender Difference in Postprandial Lipemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2448-2455.	1.1	184
81	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, 919-924.	0.8	183
82	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, 1026-1031.	1.8	179
83	Genetics of Obesity. <i>Annual Review of Nutrition</i> , 1993, 13, 337-354.	4.3	177
84	Genomic scan for maximal oxygen uptake and its response to training in the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , 2000, 88, 551-559.	1.2	177
85	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	13.7	173
86	Sex differences in inflammatory markers: what is the contribution of visceral adiposity?. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1307-1314.	2.2	172
87	Abdominal Visceral Fat is Associated with a BclI Restriction Fragment Length Polymorphism at the Glucocorticoid Receptor Gene Locus. <i>Obesity</i> , 1997, 5, 186-192.	4.0	169
88	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.	5.8	169
89	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, 2018-2025.	1.0	167
90	Linkage and Association Studies between the Melanocortin Receptors 4 and 5 Genes and Obesity-Related Phenotypes in the Québec Family Study. <i>Molecular Medicine</i> , 1997, 3, 663-673.	1.9	164

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91	Testosterone, Sex Hormone-Binding Globulin and the Metabolic Syndrome in Men: An Individual Participant Data Meta-Analysis of Observational Studies. PLoS ONE, 2014, 9, e100409.	1.1	162
92	Precision exercise medicine: understanding exercise response variability. British Journal of Sports Medicine, 2019, 53, 1141-1153.	3.1	162
93	Physical activity, genetic, and nutritional considerations in childhood weight management. Medicine and Science in Sports and Exercise, 1998, 30, 2-10.	0.2	161
94	Molecular Networks of Human Muscle Adaptation to Exercise and Age. PLoS Genetics, 2013, 9, e1003389.	1.5	160
95	Genome-wide physical activity interactions in adiposity – A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	1.5	158
96	Exercise and Obesity. Obesity, 1993, 1, 133-147.	4.0	157
97	Role of Ghrelin Polymorphisms in Obesity Based on Three Different Studies. Obesity, 2002, 10, 782-791.	4.0	157
98	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	5.8	153
99	Leisure Time Sedentary Behavior, Occupational/Domestic Physical Activity, and Metabolic Syndrome in U.S. Men and Women. Metabolic Syndrome and Related Disorders, 2009, 7, 529-536.	0.5	149
100	Assessment, prevalence, and cardiovascular benefits of physical activity and fitness in youth. Medicine and Science in Sports and Exercise, 1992, 24, 237-247.	0.2	147
101	Familial Resemblance of Plasma Lipids, Lipoproteins and Postheparin Lipoprotein and Hepatic Lipases in the HERITAGE Family Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 3263-3269.	1.1	147
102	Alterations in body weight and composition consequent to 20 wk of endurance training: the HERITAGE Family Study. American Journal of Clinical Nutrition, 1999, 70, 346-352.	2.2	146
103	A Genome-Wide Scan for Abdominal Fat Assessed by Computed Tomography in the Quebec Family Study. Diabetes, 2001, 50, 614-621.	0.3	145
104	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. Human Molecular Genetics, 2014, 23, 6961-6972.	1.4	143
105	Genetic Influences on the Response of Body Fat and Fat Distribution to Positive and Negative Energy Balances in Human Identical Twins. Journal of Nutrition, 1997, 127, 943S-947S.	1.3	142
106	Familial aggregation of physical activity levels in the Quebec family study. Medicine and Science in Sports and Exercise, 2002, 34, 1137-1142.	0.2	142
107	Abdominal Visceral Fat and Fasting Insulin Are Important Predictors of 24-Hour GH Release Independent of Age, Gender, and Other Physiological Factors. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3845-3852.	1.8	140
108	Genomics and Genetics in the Biology of Adaptation to Exercise. , 2011, 1, 1603-1648.		140

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109	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, 513-520.	1.5	138
110	Gene-Environment Interactions in the Etiology of Obesity: Defining the Fundamentals. <i>Obesity</i> , 2008, 16, S5-S10.	1.5	137
111	Familial resemblance in energy intake: contribution of genetic and environmental factors. <i>American Journal of Clinical Nutrition</i> , 1988, 47, 629-635.	2.2	136
112	Plasma Ghrelin Concentration and Energy Balance: Overfeeding and Negative Energy Balance Studies in Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4547-4547.	1.8	136
113	The reproducibility of a three-day dietary record. <i>Nutrition Research</i> , 1983, 3, 819-830.	1.3	134
114	The Human Obesity Gene Map: The 2001 Update. <i>Obesity</i> , 2002, 10, 196-243.	4.0	134
115	Original Article Underweight, overweight and obesity. <i>Journal of Clinical Epidemiology</i> , 2001, 54, 916-920.	2.4	133
116	Evidence for the existence of adaptive thermogenesis during weight loss. <i>British Journal of Nutrition</i> , 2001, 85, 715-723.	1.2	130
117	Aerobic fitness, body mass index, and CVD risk factors among adolescents: the Qu�bec family study. <i>International Journal of Obesity</i> , 2005, 29, 1077-1083.	1.6	130
118	Volume of Exercise and Fitness Nonresponse in Sedentary, Postmenopausal Women. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 539-545.	0.2	129
119	Modifications in food-group consumption are related to long-term body-weight changes. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 29-37.	2.2	128
120	Effects of Aerobic Physical Exercise on Inflammation and Atherosclerosis in Men: The DNASCO Study. <i>Annals of Internal Medicine</i> , 2004, 140, 1007.	2.0	128
121	The Trp64Arg mutation of the beta3 adrenergic receptor gene has no effect on obesity phenotypes in the Qu�bec Family Study and Swedish Obese Subjects cohorts.. <i>Journal of Clinical Investigation</i> , 1996, 98, 2086-2093.	3.9	128
122	Gene-diet interactions in obesity. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 1285s-1290s.	2.2	127
123	Genomic predictors of trainability. <i>Experimental Physiology</i> , 2012, 97, 347-352.	0.9	127
124	Polygenic Type 2 Diabetes Prediction at the Limit of Common Variant Detection. <i>Diabetes</i> , 2014, 63, 2172-2182.	0.3	127
125	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, 1964-1970.	1.5	125
126	Heredity and Body Fat. <i>Annual Review of Nutrition</i> , 1988, 8, 259-277.	4.3	124

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127	Acetylcholinesterase/paraoxonase genotype and expression predict anxiety scores in Health, Risk Factors, Exercise Training, and Genetics study. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5512-5517.	3.3	124
128	Contribution of age and declining androgen levels to features of the metabolic syndrome in men. Metabolism: Clinical and Experimental, 2005, 54, 1034-1040.	1.5	124
129	The Human Obesity Gene Map: The 1999 Update. Obesity, 2000, 8, 89-117.	4.0	123
130	Genetics of the metabolic syndrome. Applied Physiology, Nutrition and Metabolism, 2007, 32, 89-114.	0.9	123
131	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	2.6	123
132	Genetics of Food Intake and Eating Behavior Phenotypes in Humans. Annual Review of Nutrition, 2006, 26, 413-434.	4.3	121
133	Familial resemblance for abdominal visceral fat: the HERITAGE family study. International Journal of Obesity, 1997, 21, 1024-1031.	1.6	119
134	Associations between the Leptin Receptor Gene and Adiposity in Middle-Aged Caucasian Males from the HERITAGE Family Study1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 29-34.	1.8	118
135	Heart rate and blood pressure changes with endurance training: The HERITAGE Family Study. Medicine and Science in Sports and Exercise, 2001, 33, 107-116.	0.2	118
136	Visceral Adipose Tissue Accumulation, Cardiorespiratory Fitness, and Features of the Metabolic Syndrome. Archives of Internal Medicine, 2007, 167, 1518.	4.3	118
137	Physical Activity, Physical Fitness, and Coronary Heart Disease Risk Factors in Youth: The Quebec Family Study. Preventive Medicine, 1999, 29, 555-562.	1.6	117
138	Melanocortin 4 Receptor Sequence Variations Are Seldom a Cause of Human Obesity: The Swedish Obese Subjects, the HERITAGE Family Study, and a Memphis Cohort. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 4442-4446.	1.8	116
139	Association of Fitness in Young Adulthood With Survival and Cardiovascular Risk. JAMA Internal Medicine, 2016, 176, 87.	2.6	115
140	Genome-Wide Linkage Scan for the Metabolic Syndrome in the HERITAGE Family Study. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 5935-5943.	1.8	114
141	Direct-to-consumer genetic testing for predicting sports performance and talent identification: Consensus statement. British Journal of Sports Medicine, 2015, 49, 1486-1491.	3.1	113
142	Angiotensin-converting enzyme ID polymorphism and fitness phenotype in the HERITAGE Family Study. Journal of Applied Physiology, 2000, 88, 1029-1035.	1.2	112
143	Novel loci associated with usual sleep duration: the CHARGE Consortium Genome-Wide Association Study. Molecular Psychiatry, 2015, 20, 1232-1239.	4.1	112
144	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	9.4	112

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145	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.	1.8	112
146	Advances in Exercise, Fitness, and Performance Genomics. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 835-846.	0.2	111
147	Genome-wide search for genes related to the fat-free body mass in the QuÃ©bec family study. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 203-207.	1.5	109
148	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, 1772-1778.	1.3	109
149	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.	2.6	109
150	A dopamine D2 receptor gene polymorphism and physical activity in two family studies. <i>Physiology and Behavior</i> , 2003, 78, 751-757.	1.0	108
151	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.	0.2	107
152	Hypertension in Obesity and the Leptin Receptor Gene Locus1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 3126-3131.	1.8	107
153	Fitness Alters the Associations of BMI and Waist Circumference with Total and Abdominal Fat. <i>Obesity</i> , 2004, 12, 525-537.	4.0	106
154	Are There Genetic Paths Common to Obesity, Cardiovascular Disease Outcomes, and Cardiovascular Risk Factors?. <i>Circulation Research</i> , 2015, 116, 909-922.	2.0	106
155	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, 1249-1256.	1.5	105
156	Linkages and associations between the leptin receptor (LEPR) gene and human body composition in the QuÃ©bec Family Study. <i>International Journal of Obesity</i> , 1999, 23, 278-286.	1.6	104
157	A Genomewide Linkage Scan for Abdominal Subcutaneous and Visceral Fat in Black and White Families: The HERITAGE Family Study. <i>Diabetes</i> , 2002, 51, 848-855.	0.3	103
158	Melanocortin-4 receptor gene and physical activity in the QuÃ©bec Family Study. <i>International Journal of Obesity</i> , 2005, 29, 420-428.	1.6	101
159	Childhood obesity: are genetic differences involved?. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1494S-1501S.	2.2	101
160	Genomic scan for genes affecting body composition before and after training in Caucasians from HERITAGE. <i>Journal of Applied Physiology</i> , 2001, 90, 1777-1787.	1.2	100
161	Familial aggregation of abdominal visceral fat level: Results from the Quebec family study. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 378-382.	1.5	99
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