

# Yurii Aulchenko

## List of Publications by Year in Descending Order

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

253  
papers

34,397  
citations

81  
h-index

184  
g-index

272  
ext. papers

38,836  
ext. citations

9.3  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
253	Genetic regulation of post-translational modification of two distinct proteins.. <i>Nature Communications</i> , <b>2022</b> , 13, 1586	17.4	0
252	Association Between Human Gut Microbiome and N-Glycan Composition of Total Plasma Proteome.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 811922	5.7	0
251	A protocol for recruiting and analyzing the disease-oriented Russian disc degeneration study (RuDDS) biobank for functional omics studies of lumbar disc degeneration.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0267384	3.7	0
250	Quantitative Genetics of Human Protein N-Glycosylation. <i>Advances in Experimental Medicine and Biology</i> , <b>2021</b> , 1325, 151-171	3.6	
249	PheLiGe: an interactive database of billions of human genotype-phenotype associations. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, D1347-D1350	20.1	1
248	Sex- and age-specific genetic analysis of chronic back pain. <i>Pain</i> , <b>2021</b> , 162, 1176-1187	8	6
247	The limits of normal approximation for adult height. <i>European Journal of Human Genetics</i> , <b>2021</b> , 29, 1082-1091	5.5	0
246	Multivariate genome-wide analysis of immunoglobulin G N-glycosylation identifies new loci pleiotropic with immune function. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 1259-1270	5.6	0
245	Genome-wide association study identifies locus as associated with chronic widespread musculoskeletal pain. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> , 80, 1227-1235	2.4	4
244	Replication of 15 loci involved in human plasma protein N-glycosylation in 4802 samples from four cohorts. <i>Glycobiology</i> , <b>2021</b> , 31, 82-88	5.8	9
243	Nontrivial Replication of Loci Detected by Multi-Trait Methods. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 627989	4.5	0
242	Genome-wide association studies of low back pain and lumbar spinal disorders using electronic health record data identify a locus associated with lumbar spinal stenosis. <i>Pain</i> , <b>2021</b> , 162, 2263-2272	8	2
241	Identification of tissue-specific and common methylation quantitative trait loci in healthy individuals using MAGAR. <i>Epigenetics and Chromatin</i> , <b>2021</b> , 14, 44	5.8	0
240	Prioritization of causal genes for coronary artery disease based on cumulative evidence from experimental and in silico studies. <i>Scientific Reports</i> , <b>2020</b> , 10, 10486	4.9	8
239	Analysis of genetically independent phenotypes identifies shared genetic factors associated with chronic musculoskeletal pain conditions. <i>Communications Biology</i> , <b>2020</b> , 3, 329	6.7	12
238	Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. <i>Science Advances</i> , <b>2020</b> , 6, eaax0301	14.3	38
237	The GWAS-MAP platform for aggregation of results of genome-wide association studies and the GWAS-MAP homo database of 70 billion genetic associations of human traits.. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , <b>2020</b> , 24, 876-884	0.9	1

236	ISSLS Prize in Clinical Science 2020. Examining causal effects of body mass index on back pain: a Mendelian randomization study. <i>European Spine Journal</i> , <b>2020</b> , 29, 686-691	2.7	10
235	The New Coronavirus COVID-19 Infection. <i>Molecular Genetics, Microbiology and Virology</i> , <b>2020</b> , 35, 53-60	0.4	3
234	Identification of 12 genetic loci associated with human healthspan. <i>Communications Biology</i> , <b>2019</b> , 2, 41	6.7	49
233	Defining the genetic control of human blood plasma N-glycome using genome-wide association study. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 2062-2077	5.6	28
232	Insight into the genetic architecture of back pain and its risk factors from a study of 509,000 individuals. <i>Pain</i> , <b>2019</b> , 160, 1361-1373	8	34
231	Glycosylation of Immunoglobulin G Associates With Clinical Features of Inflammatory Bowel Diseases. <i>Gastroenterology</i> , <b>2018</b> , 154, 1320-1333.e10	13.3	82
230	Plasma N-Glycan Signatures Are Associated With Features of Inflammatory Bowel Diseases. <i>Gastroenterology</i> , <b>2018</b> , 155, 829-843	13.3	47
229	Plasma N-glycome composition associates with chronic low back pain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2018</b> , 1862, 2124-2133	4	12
228	A network-based conditional genetic association analysis of the human metabolome. <i>GigaScience</i> , <b>2018</b> , 7,	7.6	7
227	Genome-wide meta-analysis of 158,000 individuals of European ancestry identifies three loci associated with chronic back pain. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007601	6	60
226	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	65
225	Multivariate discovery and replication of five novel loci associated with Immunoglobulin G N-glycosylation. <i>Nature Communications</i> , <b>2017</b> , 8, 447	17.4	48
224	Population specific analysis of Yakut exomes. <i>Doklady Biochemistry and Biophysics</i> , <b>2017</b> , 474, 213-216	0.8	
223	Validation of standard operating procedures in a multicenter retrospective study to identify -omics biomarkers for chronic low back pain. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176372	3.7	10
222	The Menkes and Wilson disease genes counteract in copper toxicosis in Labrador retrievers: a new canine model for copper-metabolism disorders. <i>DMM Disease Models and Mechanisms</i> , <b>2016</b> , 9, 25-38	4.1	46
221	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , <b>2016</b> , 7, 10023	17.4	295
220	The GenABEL Project for statistical genomics. <i>F1000Research</i> , <b>2016</b> , 5, 914	3.6	35
219	The Association Between Glycosylation of Immunoglobulin G and Hypertension: A Multiple Ethnic Cross-Sectional Study. <i>Medicine (United States)</i> , <b>2016</b> , 95, e3379	1.8	69

218	'Omics' biomarkers associated with chronic low back pain: protocol of a retrospective longitudinal study. <i>BMJ Open</i> , <b>2016</b> , 6, e012070	3	14
217	IgG Glycome in Colorectal Cancer. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 3078-86	12.9	85
216	Population-based metagenomics analysis reveals markers for gut microbiome composition and diversity. <i>Science</i> , <b>2016</b> , 352, 565-9	33.3	929
215	Genetic variants in RBF3X are associated with sleep latency. <i>European Journal of Human Genetics</i> , <b>2016</b> , 24, 1488-95	5.3	18
214	Nonadditive Effects of Genes in Human Metabolomics. <i>Genetics</i> , <b>2015</b> , 200, 707-18	4	14
213	Identifying genetic risk variants for coronary heart disease in familial hypercholesterolemia: an extreme genetics approach. <i>European Journal of Human Genetics</i> , <b>2015</b> , 23, 381-7	5.3	10
212	Genetic Sharing with Cardiovascular Disease Risk Factors and Diabetes Reveals Novel Bone Mineral Density Loci. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144531	3.7	12
211	Inflammatory bowel disease associates with proinflammatory potential of the immunoglobulin G glycome. <i>Inflammatory Bowel Diseases</i> , <b>2015</b> , 21, 1237-47	4.5	108
210	A genome wide association study links glutamate receptor pathway to sporadic Creutzfeldt-Jakob disease risk. <i>PLoS ONE</i> , <b>2014</b> , 10, e0123654	3.7	18
209	Identification of novel genetic Loci associated with thyroid peroxidase antibodies and clinical thyroid disease. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004123	6	122
208	Meta-analysis of genome-wide association studies in African Americans provides insights into the genetic architecture of type 2 diabetes. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004517	6	151
207	Comparative performance of four methods for high-throughput glycosylation analysis of immunoglobulin G in genetic and epidemiological research. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 1598-610	7.6	120
206	Glycans are a novel biomarker of chronological and biological ages. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 779-89	6.4	192
205	Solving sequences of generalized least-squares problems on multi-threaded architectures. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 234, 606-617	2.7	6
204	High-Performance Mixed Models Based Genome-Wide Association Analysis with omicABEL software. <i>F1000Research</i> , <b>2014</b> , 3, 200	3.6	13
203	Automated workflow-based exploitation of pathway databases provides new insights into genetic associations of metabolite profiles. <i>BMC Genomics</i> , <b>2013</b> , 14, 865	4.5	13
202	Refining genome-wide linkage intervals using a meta-analysis of genome-wide association studies identifies loci influencing personality dimensions. <i>European Journal of Human Genetics</i> , <b>2013</b> , 21, 876-82	5.3	17
201	Common variants in Mendelian kidney disease genes and their association with renal function. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2013</b> , 24, 2105-17	12.7	27

200	Low-density lipoprotein receptor mutations generate synthetic genome-wide associations. <i>European Journal of Human Genetics</i> , <b>2013</b> , 21, 563-6	5.3	6
199	Loci associated with N-glycosylation of human immunoglobulin G show pleiotropy with autoimmune diseases and haematological cancers. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003225	6	242
198	Migraine is not associated with enhanced atherosclerosis. <i>Cephalalgia</i> , <b>2013</b> , 33, 228-35	6.1	47
197	A common biological basis of obesity and nicotine addiction. <i>Translational Psychiatry</i> , <b>2013</b> , 3, e308	8.6	37
196	Association of SNPs of CD40 gene with multiple sclerosis in Russians. <i>PLoS ONE</i> , <b>2013</b> , 8, e61032	3.7	24
195	Development and application of genomic control methods for genome-wide association studies using non-additive models. <i>PLoS ONE</i> , <b>2013</b> , 8, e81431	3.7	13
194	Region-based association analysis of human quantitative traits in related individuals. <i>PLoS ONE</i> , <b>2013</b> , 8, e65395	3.7	25
193	An R package "VariABEL" for genome-wide searching of potentially interacting loci by testing genotypic variance heterogeneity. <i>BMC Genetics</i> , <b>2012</b> , 13, 4	2.6	23
192	Linkage analysis for plasma amyloid beta levels in persons with hypertension implicates Aβ40 levels to presenilin 2. <i>Human Genetics</i> , <b>2012</b> , 131, 1869-76	6.3	6
191	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , <b>2012</b> , 44, 491-501	36.3	866
190	Transferrin and HFE genes interact in Alzheimer's disease risk: the Epistasis Project. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 202.e1-13	5.6	43
189	Genome-wide study links MTMR7 gene to variant Creutzfeldt-Jakob risk. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 1487.e21-8	5.6	30
188	Rapid variance components-based method for whole-genome association analysis. <i>Nature Genetics</i> , <b>2012</b> , 44, 1166-70	36.3	145
187	Association between chromosome 9p21 variants and the ankle-brachial index identified by a meta-analysis of 21 genome-wide association studies. <i>Circulation: Cardiovascular Genetics</i> , <b>2012</b> , 5, 100-12		84
186	A genome-wide linkage study of individuals with high scores on NEO personality traits. <i>Molecular Psychiatry</i> , <b>2012</b> , 17, 1031-41	15.1	21
185	A genome-wide association search for type 2 diabetes genes in African Americans. <i>PLoS ONE</i> , <b>2012</b> , 7, e29202	3.7	138
184	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , <b>2012</b> , 44, 659-69	36.3	615
183	Interaction of insulin and PPAR-γ genes in Alzheimer's disease: the Epistasis Project. <i>Journal of Neural Transmission</i> , <b>2012</b> , 119, 473-9	4.3	19

182	Meta-analysis of genome-wide association studies for personality. <i>Molecular Psychiatry</i> , <b>2012</b> , 17, 337-49	15.1	274
181	Common genetic determinants of intraocular pressure and primary open-angle glaucoma. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002611	6	131
180	Evidence of inbreeding depression on human height. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002655	6	62
179	Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002490	6	145
178	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002584	6	143
177	The empirical power of rare variant association methods: results from sanger sequencing in 1,998 individuals. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002496	6	89
176	Stratifying type 2 diabetes cases by BMI identifies genetic risk variants in LAMA1 and enrichment for risk variants in lean compared to obese cases. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002741	6	162
175	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002607	6	326
174	A genetic epidemiologic study of candidate genes involved in the optic nerve head morphology		7
173	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 5329-43	5.6	54
172	Eight genetic loci associated with variation in lipoprotein-associated phospholipase A2 mass and activity and coronary heart disease: meta-analysis of genome-wide association studies from five community-based studies. <i>European Heart Journal</i> , <b>2012</b> , 33, 238-51	9.5	75
171	Genome-wide association analysis of coffee drinking suggests association with CYP1A1/CYP1A2 and NRCAM. <i>Molecular Psychiatry</i> , <b>2012</b> , 17, 1116-29	15.1	93
170	Heritability estimates of body size in fetal life and early childhood. <i>PLoS ONE</i> , <b>2012</b> , 7, e39901	3.7	36
169	Interactions between PPAR- $\gamma$ and inflammation-related cytokine genes on the development of Alzheimer's disease, observed by the Epistasis Project. <i>International Journal of Molecular Epidemiology and Genetics</i> , <b>2012</b> , 3, 39-47	0.9	13
168	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , <b>2011</b> , 43, 753-60	36.3	237
167	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , <b>2011</b> , 478, 103-9	50.4	1564
166	Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. <i>Diabetes</i> , <b>2011</b> , 60, 2624-34	0.9	285
165	Association of HSP70 and its co-chaperones with Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2011</b> , 25, 93-102	4.3	18

164	Effects of Population Structure in Genome-wide Association Studies <b>2011</b> , 123-156		2
163	Genetic architecture of circulating lipid levels. <i>European Journal of Human Genetics</i> , <b>2011</b> , 19, 813-9	5.3	19
162	Meta-analysis of genome-wide association for migraine in six population-based European cohorts. <i>European Journal of Human Genetics</i> , <b>2011</b> , 19, 901-7	5.3	70
161	Genetic risk profiles for depression and anxiety in adult and elderly cohorts. <i>Molecular Psychiatry</i> , <b>2011</b> , 16, 773-83	15.1	116
160	Abdominal aortic aneurysm is associated with a variant in low-density lipoprotein receptor-related protein 1. <i>American Journal of Human Genetics</i> , <b>2011</b> , 89, 619-27	11	145
159	PredictABEL: an R package for the assessment of risk prediction models. <i>European Journal of Epidemiology</i> , <b>2011</b> , 26, 261-4	12.1	175
158	Prevalence of the variant allele rs61764370 T>G in the 3'UTR of KRAS among Dutch BRCA1, BRCA2 and non-BRCA1/BRCA2 breast cancer families. <i>Breast Cancer Research and Treatment</i> , <b>2011</b> , 128, 79-84	4.4	33
157	Correction for Schumann et al., Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 9316-9316	11.5	2
156	Linkage and association analyses of glaucoma related traits in a large pedigree from a Dutch genetically isolated population. <i>Journal of Medical Genetics</i> , <b>2011</b> , 48, 802-9	5.8	32
155	Genetic architecture of open angle glaucoma and related determinants. <i>Journal of Medical Genetics</i> , <b>2011</b> , 48, 190-6	5.8	18
154	Obesity-susceptibility loci have a limited influence on birth weight: a meta-analysis of up to 28,219 individuals. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 93, 851-60	7	50
153	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 2273-84	5.6	146
152	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 7119-24	11.5	218
151	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , <b>2011</b> , 43, 1005-11	36.3	338
150	The genetic association between personality and major depression or bipolar disorder. A polygenic score analysis using genome-wide association data. <i>Translational Psychiatry</i> , <b>2011</b> , 1, e50	8.6	83
149	A genome-wide screen for interactions reveals a new locus on 4p15 modifying the effect of waist-to-hip ratio on total cholesterol. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002333	6	25
148	Detecting low frequent loss-of-function alleles in genome wide association studies with red hair color as example. <i>PLoS ONE</i> , <b>2011</b> , 6, e28145	3.7	19
147	The case for launch of an international DNA-based birth cohort study. <i>Journal of Global Health</i> , <b>2011</b> , 1, 39-45	4.3	3



146	MQScore_SNP software for multipoint parametric linkage analysis of quantitative traits in large pedigrees. <i>Annals of Human Genetics</i> , <b>2010</b> , 74, 286-9	2.2	3
145	The TCF7L2 diabetes risk variant is associated with HbA <sub>1c</sub> levels: a genome-wide association meta-analysis. <i>Annals of Human Genetics</i> , <b>2010</b> , 74, 471-8	2.2	29
144	A powerful genome-wide feasible approach to detect parent-of-origin effects in studies of quantitative traits. <i>European Journal of Human Genetics</i> , <b>2010</b> , 18, 379-84	5.3	9
143	Genes predict village of origin in rural Europe. <i>European Journal of Human Genetics</i> , <b>2010</b> , 18, 1269-70	5.3	19
142	Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , <b>2010</b> , 466, 707-13	50.4	2742
141	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , <b>2010</b> , 467, 832-8	50.4	1514
140	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , <b>2010</b> , 42, 142-8	36.3	527
139	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. <i>Nature Genetics</i> , <b>2010</b> , 42, 430-5	36.3	184
138	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , <b>2010</b> , 42, 376-84	36.3	599
137	Sequence variants at CHRN3-CHRNA6 and CYP2A6 affect smoking behavior. <i>Nature Genetics</i> , <b>2010</b> , 42, 448-53	36.3	582
136	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , <b>2010</b> , 42, 579-89	36.3	1449
135	Genome-wide association study of migraine implicates a common susceptibility variant on 8q22.1. <i>Nature Genetics</i> , <b>2010</b> , 42, 869-73	36.3	277
134	A genome-wide association study identifies a susceptibility locus for refractive errors and myopia at 15q14. <i>Nature Genetics</i> , <b>2010</b> , 42, 897-901	36.3	181
133	Reply to Lack of support for association between the KIF1B rs10492972[C] variant and multiple sclerosis. <i>Nature Genetics</i> , <b>2010</b> , 42, 470-471	36.3	9
132	Association between type 2 diabetes loci and measures of fatness. <i>PLoS ONE</i> , <b>2010</b> , 5, e8541	3.7	15
131	Novel strategy to identify genetic risk factors for COPD severity: a genetic isolate. <i>European Respiratory Journal</i> , <b>2010</b> , 35, 768-75	13.6	24
130	Genome-wide analysis of genetic loci associated with Alzheimer disease. <i>JAMA - Journal of the American Medical Association</i> , <b>2010</b> , 303, 1832-40	27.4	888
129	Association of genome-wide variation with the risk of incident heart failure in adults of European and African ancestry: a prospective meta-analysis from the cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium. <i>Circulation: Cardiovascular Genetics</i> , <b>2010</b> , 3, 256-66		147



128	Genetic architecture of plasma adiponectin overlaps with the genetics of metabolic syndrome-related traits. <i>Diabetes Care</i> , <b>2010</b> , 33, 908-13	14.6	54
127	Genetic variants influencing circulating lipid levels and risk of coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 2264-76	9.4	318
126	Genomic variation associated with mortality among adults of European and African ancestry with heart failure: the cohorts for heart and aging research in genomic epidemiology consortium. <i>Circulation: Cardiovascular Genetics</i> , <b>2010</b> , 3, 248-55		66
125	A genome-wide association study of optic disc parameters. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1000978	6	157
124	Shared genetic factors in migraine and depression: evidence from a genetic isolate. <i>Neurology</i> , <b>2010</b> , 74, 288-94	6.5	75
123	A genome-wide screen for depression in two independent Dutch populations. <i>Biological Psychiatry</i> , <b>2010</b> , 68, 187-96	7.9	20
122	A meta-analysis of four genome-wide association studies of survival to age 90 years or older: the Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2010</b> , 65, 478-87	6.4	107
121	Genome-wide association analysis identifies multiple loci related to resting heart rate. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 3885-94	5.6	106
120	The apolipoprotein E gene and its age-specific effects on cognitive function. <i>Neurobiology of Aging</i> , <b>2010</b> , 31, 1831-3	5.6	51
119	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , <b>2010</b> , 42, 105-16	36.3	1673
118	Clear detection of ADIPOQ locus as the major gene for plasma adiponectin: results of genome-wide association analyses including 4659 European individuals. <i>Atherosclerosis</i> , <b>2010</b> , 208, 412-20	3.1	128
117	Linkage and genome-wide association analysis of obesity-related phenotypes: association of weight with the MGAT1 gene. <i>Obesity</i> , <b>2010</b> , 18, 803-8	8	37
116	Genome-wide association studies of MRI-defined brain infarcts: meta-analysis from the CHARGE Consortium. <i>Stroke</i> , <b>2010</b> , 41, 210-7	6.7	74
115	Insulin-resistance and metabolic syndrome are related to executive function in women in a large family-based study. <i>European Journal of Epidemiology</i> , <b>2010</b> , 25, 561-8	12.1	54
114	ProbABEL package for genome-wide association analysis of imputed data. <i>BMC Bioinformatics</i> , <b>2010</b> , 11, 134	3.6	310
113	ParallABEL: an R library for generalized parallelization of genome-wide association studies. <i>BMC Bioinformatics</i> , <b>2010</b> , 11, 217	3.6	4
112	Shared genetic factors in the co-occurrence of symptoms of depression and cardiovascular risk factors. <i>Journal of Affective Disorders</i> , <b>2010</b> , 122, 247-52	6.6	17
111	Ped_Outlier software for automatic identification of within-family outliers. <i>Computational Biology and Chemistry</i> , <b>2010</b> , 34, 242-3	3.6	

110	Variance heterogeneity analysis for detection of potentially interacting genetic loci: method and its limitations. <i>BMC Genetics</i> , <b>2010</b> , 11, 92	2.6	64
109	The dopamine $\beta$ -hydroxylase -1021C/T polymorphism is associated with the risk of Alzheimer's disease in the Epistasis Project. <i>BMC Medical Genetics</i> , <b>2010</b> , 11, 162	2.1	43
108	A meta-analysis of genome-wide data from five European isolates reveals an association of COL22A1, SYT1, and GABRR2 with serum creatinine level. <i>BMC Medical Genetics</i> , <b>2010</b> , 11, 41	2.1	39
107	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000508	6	393
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7	Defining the genetic control of human blood plasma N-glycome using genome-wide association study		1
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5	Analysis of genetically independent phenotypes identifies shared genetic factors associated with chronic musculoskeletal pain at different anatomic sites		2
4	Chromosomal segregation and fertility in Robertsonian chromosomal heterozygotes of the house musk shrew ( <i>Suncus murinus</i> , Insectivora, Soricidae)		1
3	Beyond power: Multivariate discovery, replication, and interpretation of pleiotropic loci using summary association statistics		8



2	Genome-wide association study identifies RNF123 locus as associated with chronic widespread musculoskeletal pain	2
1	Network based conditional genome wide association analysis of human metabolomics	1