

# Five Years of GWAS Discovery

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A genome-wide association study on common SNPs and rare CNVs in anorexia nervosa. <i>Molecular Psychiatry</i> , 2011, 16, 949-959.	4.1	186
2	Genome-Wide Association Studies Reveal a Simple Genetic Basis of Resistance to Naturally Coevolving Viruses in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2012, 8, e1003057.	1.5	143
3	Incorporating prior information into association studies. <i>Bioinformatics</i> , 2012, 28, i147-i153.	1.8	33
4	The "Missing Heritability" of Psychiatric Disorders: Elusive Genes or Non-Existent Genes?. <i>Applied Developmental Science</i> , 2012, 16, 65-83.	1.0	17
5	Puzzling over schizophrenia: Schizophrenia, social environment and the brain. <i>Nature Medicine</i> , 2012, 18, 211-213.	15.2	53
6	zCall: a rare variant caller for array-based genotyping. <i>Bioinformatics</i> , 2012, 28, 2543-2545.	1.8	195
7	Neuroimaging and Genetics: Exploring, Searching, and Finding. <i>Twin Research and Human Genetics</i> , 2012, 15, 267-272.	0.3	7
8	Excess variants in <i>AFF2</i> detected by massively parallel sequencing of males with autism spectrum disorder. <i>Human Molecular Genetics</i> , 2012, 21, 4356-4364.	1.4	34
9	The Minnesota Center for Twin and Family Research Genome-Wide Association Study. <i>Twin Research and Human Genetics</i> , 2012, 15, 767-774.	0.3	70
10	THE FUTURE OF GENOME-BASED MEDICINE. , 2012, , .		0
11	Genome-wide association meta-analysis identifies new endometriosis risk loci. <i>Nature Genetics</i> , 2012, 44, 1355-1359.	9.4	257
12	Whole-genome and whole-exome sequencing in neurological diseases. <i>Nature Reviews Neurology</i> , 2012, 8, 508-517.	4.9	99
13	The Genetics of Ankylosing Spondylitis and Axial Spondyloarthritis. <i>Rheumatic Disease Clinics of North America</i> , 2012, 38, 539-553.	0.8	47
14	Effectiveness of a web-based protocol for the screening and phenotyping of individuals with tourette syndrome for genetic studies. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 987-996.	1.1	9
15	Molecular genetics research in ADHD: Ethical considerations concerning patients' benefit and resource allocation. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 885-895.	1.1	4
16	From genome-wide association studies to disease mechanisms: celiac disease as a model for autoimmune diseases. <i>Seminars in Immunopathology</i> , 2012, 34, 567-580.	2.8	127
17	Genetics of coronary artery disease: Genome-wide association studies and beyond. <i>Atherosclerosis</i> , 2012, 225, 1-10.	0.4	59
18	Immunogenetics of human echinococcosis. <i>Trends in Parasitology</i> , 2012, 28, 447-454.	1.5	26

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19	Analysis of common variations in tumor-suppressor genes on chr1p36 among Caucasian women with endometriosis. <i>Gynecologic Oncology</i> , 2012, 127, 398-402.	0.6	13
20	Insights into Assessing the Genetics of Endometriosis. <i>Current Obstetrics and Gynecology Reports</i> , 2012, 1, 124-137.	0.3	58
21	Next frontiers in the genetic epidemiology of Alzheimer's disease. <i>European Journal of Epidemiology</i> , 2012, 27, 831-836.	2.5	4
22	Human Genetic Variation, Shared and Private. <i>Science</i> , 2012, 337, 39-40.	6.0	29
23	A genome-wide association study using international breeding-evaluation data identifies major loci affecting production traits and stature in the Brown Swiss cattle breed. <i>BMC Genetics</i> , 2012, 13, 82.	2.7	47
24	Identification of rare X-linked neuroligin variants by massively parallel sequencing in males with autism spectrum disorder. <i>Molecular Autism</i> , 2012, 3, 8.	2.6	22
25	From genes to characteristics of multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 2012, 126, 76-83.	1.0	3
26	Twins and the mystery of missing heritability: the contribution of gene-environment interactions. <i>Journal of Internal Medicine</i> , 2012, 272, 440-448.	2.7	41
27	Ethnic diversity in type 2 diabetes genetics between East Asians and Europeans. <i>Journal of Diabetes Investigation</i> , 2012, 3, 349-351.	1.1	5
28	The continuing value of twin studies in the omics era. <i>Nature Reviews Genetics</i> , 2012, 13, 640-653.	7.7	314
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30	GWAS implicates a role for quantitative immune traits and threshold effects in risk for human autoimmune disorders. <i>Current Opinion in Immunology</i> , 2012, 24, 538-543.	2.4	17
31	Monogenic Models: What Have the Single Gene Disorders Taught Us?. <i>Current Diabetes Reports</i> , 2012, 12, 659-666.	1.7	23
32	Puzzling over schizophrenia: Schizophrenia as a pathway disease. <i>Nature Medicine</i> , 2012, 18, 210-211.	15.2	80
33	Genome-wide association studies with metabolomics. <i>Genome Medicine</i> , 2012, 4, 34.	3.6	63
34	Confluence of genes, environment, development, and behavior in a post Genome-Wide Association Study world. <i>Development and Psychopathology</i> , 2012, 24, 1195-1214.	1.4	43
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38	Heritability in the genome-wide association era. <i>Human Genetics</i> , 2012, 131, 1655-1664.	1.8	142
39	The genetics and neuropathology of Alzheimer's disease. <i>Acta Neuropathologica</i> , 2012, 124, 305-323.	3.9	203
41	Genetic insights into common pathways and complex relationships among immune-mediated diseases. <i>Nature Reviews Genetics</i> , 2013, 14, 661-673.	7.7	459
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43	Genetic variants associated with disordered eating. <i>International Journal of Eating Disorders</i> , 2013, 46, 594-608.	2.1	55
44	Validating therapeutic targets through human genetics. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 581-594.	21.5	548
45	From Genome-Wide Association Studies to Functional Genomics: New Insights Into Cardiovascular Disease. <i>Canadian Journal of Cardiology</i> , 2013, 29, 23-29.	0.8	16
46	From promises to practical strategies in epigenetic epidemiology. <i>Nature Reviews Genetics</i> , 2013, 14, 585-594.	7.7	314
47	Evaluating Rare Variants in Complex Disorders Using Next-Generation Sequencing. <i>Current Psychiatry Reports</i> , 2013, 15, 349.	2.1	14
48	Direct-to-consumer genomic testing from the perspective of the health professional: a systematic review of the literature. <i>Journal of Community Genetics</i> , 2013, 4, 169-180.	0.5	41
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52	Systems biomedicine: It's your turn—Recent progress in systems biomedicine. <i>Quantitative Biology</i> , 2013, 1, 140-155.	0.3	3
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56	The Genetics of Complex Cholestatic Disorders. <i>Gastroenterology</i> , 2013, 144, 1357-1374.	0.6	126
57	Immunology Taught by Human Genetics. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 157-172.	2.0	55
58	Pathophysiology of diastolic dysfunction in chronic heart failure. <i>Future Cardiology</i> , 2013, 9, 711-720.	0.5	7
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60	A Nondegenerate Code of Deleterious Variants in Mendelian Loci Contributes to Complex Disease Risk. <i>Cell</i> , 2013, 155, 70-80.	13.5	209
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68	Imaging genetics “ towards discovery neuroscience. <i>Quantitative Biology</i> , 2013, 1, 227-245.	0.3	18
69	Using Phenotypic Heterogeneity to Increase the Power of Genome-Wide Association Studies: Application to Age at Onset of Ischaemic Stroke Subphenotypes. <i>Genetic Epidemiology</i> , 2013, 37, 495-503.	0.6	10
70	Genetic Susceptibility to Chronic Lymphocytic Leukemia. <i>Seminars in Hematology</i> , 2013, 50, 296-302.	1.8	26
71	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013, 45, 984-994.	9.4	2,067
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73	OGA: an ontological tool of human phenotypes with genetic associations. <i>BMC Research Notes</i> , 2013, 6, 511.	0.6	0

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75	New Opportunities: Harnessing Induced Pluripotency for Discovery in Diabetes and Metabolism. Cell Metabolism, 2013, 18, 775-791.	7.2	44
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80	From personalized to public health genomics. Genome Medicine, 2013, 5, 60.	3.6	4
81	Identifying population differences in genes that affect body mass index. Genome Medicine, 2013, 5, 102.	3.6	1
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87	Omics and Drug Response. Annual Review of Pharmacology and Toxicology, 2013, 53, 475-502.	4.2	130
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92	No Genetic Influence for Childhood Behavior Problems From DNA Analysis. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 1048-1056.e3.	0.3	76
93	Genetic and epigenetic control of metabolic health. <i>Molecular Metabolism</i> , 2013, 2, 337-347.	3.0	115
94	Pathway-based analysis of genomic variation data. <i>Current Opinion in Genetics and Development</i> , 2013, 23, 622-626.	1.5	16
95	A century after Fisher: time for a new paradigm in quantitative genetics. <i>Trends in Genetics</i> , 2013, 29, 669-676.	2.9	97
96	Genome wide association studies (GWAS) and common forms of human epilepsy. <i>Epilepsy and Behavior</i> , 2013, 28, S63-S65.	0.9	17
97	Haptoglobin, the Good and the Bad. <i>Journal of the American College of Cardiology</i> , 2013, 61, 738-740.	1.2	4
98	Global Analysis of DNA Methylation Variation in Adipose Tissue from Twins Reveals Links to Disease-Associated Variants in Distal Regulatory Elements. <i>American Journal of Human Genetics</i> , 2013, 93, 876-890.	2.6	330
99	The VNTR in complex disorders: The forgotten polymorphisms? A functional way forward?. <i>Genomics</i> , 2013, 101, 273-281.	1.3	49
100	Additive Genetic Variation in Schizophrenia Risk Is Shared by Populations of African and European Descent. <i>American Journal of Human Genetics</i> , 2013, 93, 463-470.	2.6	72
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105	Pitfalls of predicting complex traits from SNPs. <i>Nature Reviews Genetics</i> , 2013, 14, 507-515.	7.7	617
107	Sequence Kernel Association Tests for the Combined Effect of Rare and Common Variants. <i>American Journal of Human Genetics</i> , 2013, 92, 841-853.	2.6	393
108	GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. <i>Science</i> , 2013, 340, 1467-1471.	6.0	750
109	The evolution of nutrition research. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 257-267.	0.7	10
110	The Power of Meta-Analysis in Genome-Wide Association Studies. <i>Annual Review of Genomics and Human Genetics</i> , 2013, 14, 441-465.	2.5	107

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111	Using Extended Genealogy to Estimate Components of Heritability for 23 Quantitative and Dichotomous Traits. <i>PLoS Genetics</i> , 2013, 9, e1003520.	1.5	345
112	Genome-Wide Complex Trait Analysis (GCTA): Methods, Data Analyses, and Interpretations. <i>Methods in Molecular Biology</i> , 2013, 1019, 215-236.	0.4	200
113	Higher Order Interactions: Detection of Epistasis Using Machine Learning and Evolutionary Computation. <i>Methods in Molecular Biology</i> , 2013, 1019, 499-518.	0.4	6
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118	A Rapid Gene-Based Genome-Wide Association Test with Multivariate Traits. <i>Human Heredity</i> , 2013, 76, 53-63.	0.4	17
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121	A Genome-Wide Association Study of Behavioral Disinhibition. <i>Behavior Genetics</i> , 2013, 43, 363-373.	1.4	119
122	Genome-wide association studies in psychiatry: what have we learned?. <i>British Journal of Psychiatry</i> , 2013, 202, 1-4.	1.7	75
123	Non-heritable genetics of human disease: spotlight on post-zygotic genetic variation acquired during lifetime. <i>Journal of Medical Genetics</i> , 2013, 50, 1-10.	1.5	38
124	Lessons from Functional Analysis of Genome-Wide Association Studies. <i>Cancer Research</i> , 2013, 73, 4180-4184.	0.4	58
125	Role of interactions in pharmacogenetic studies: leukotrienes in asthma. <i>Pharmacogenomics</i> , 2013, 14, 923-929.	0.6	4
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127	From Single Nucleotide Polymorphisms to Constant Immunosuppression: Mesenchymal Stem Cell Therapy for Autoimmune Diseases. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	9
128	Republished: Non-heritable genetics of human disease: spotlight on post-zygotic genetic variation acquired during lifetime. <i>Postgraduate Medical Journal</i> , 2013, 89, 417-426.	0.9	7
129	Ubiquitous Polygenicity of Human Complex Traits: Genome-Wide Analysis of 49 Traits in Koreans. <i>PLoS Genetics</i> , 2013, 9, e1003355.	1.5	56



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131	Quantifying Missing Heritability at Known GWAS Loci. <i>PLoS Genetics</i> , 2013, 9, e1003993.	1.5	115
132	Long Non-Coding RNAs and Complex Human Diseases. <i>International Journal of Molecular Sciences</i> , 2013, 14, 18790-18808.	1.8	168
133	Integrated Model of De Novo and Inherited Genetic Variants Yields Greater Power to Identify Risk Genes. <i>PLoS Genetics</i> , 2013, 9, e1003671.	1.5	253
134	Genotype-Environment Interactions Reveal Causal Pathways That Mediate Genetic Effects on Phenotype. <i>PLoS Genetics</i> , 2013, 9, e1003803.	1.5	72
135	PUMA: A Unified Framework for Penalized Multiple Regression Analysis of GWAS Data. <i>PLoS Computational Biology</i> , 2013, 9, e1003101.	1.5	38
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137	High Trans-ethnic Replicability of GWAS Results Implies Common Causal Variants. <i>PLoS Genetics</i> , 2013, 9, e1003566.	1.5	207
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141	Genome-wide association studies in asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2013, 13, 112-118.	1.1	39
142	In Defense of Genopolitics. <i>American Political Science Review</i> , 2013, 107, 362-374.	2.6	63
143	Allele-Specific Transcriptional Activity at Type 2 Diabetes-Associated Single Nucleotide Polymorphisms in Regions of Pancreatic Islet Open Chromatin at the JAZF1 Locus. <i>Diabetes</i> , 2013, 62, 1756-1762.	0.3	42
144	The causal meaning of Fisher's average effect. <i>Genetical Research</i> , 2013, 95, 89-109.	0.3	29
145	Dissecting Genome-Wide Association Signals for Loss-of-Function Phenotypes in Sorghum Flavonoid Pigmentation Traits. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 2085-2094.	0.8	65
146	Molecular genetics and subjective well-being. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9692-9697.	3.3	82
147	Confirmation of <i>TNIP1</i> but not <i>RHOB</i> and <i>PSORS1C1</i> as systemic sclerosis risk factors in a large independent replication study. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 602-607.	0.5	56

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150	Common DNA Markers Can Account for More Than Half of the Genetic Influence on Cognitive Abilities. <i>Psychological Science</i> , 2013, 24, 562-568.	1.8	135
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152	Incorporating parental information into family-based association tests. <i>Biostatistics</i> , 2013, 14, 556-572.	0.9	5
153	Genes and functional GI disorders: from casual to causal relationship. <i>Neurogastroenterology and Motility</i> , 2013, 25, 638-649.	1.6	27
154	Attentional switching forms a genetic link between attention problems and autistic traits in adults. <i>Psychological Medicine</i> , 2013, 43, 1985-1996.	2.7	50
155	Variation in the Heritability of Educational Attainment: An International Meta-Analysis. <i>Social Forces</i> , 2013, 92, 109-140.	0.9	242
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158	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013, 45, 155-163.	9.4	269
159	Insights into the genetic basis of type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2013, 4, 233-244.	1.1	51
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161	Genome-wide Association Studies. , 2013, , 93-100.		1
162	Preventive effects of low-dose aspirin on colorectal adenoma growth in patients with familial adenomatous polyposis: double-blind, randomized clinical trial. <i>Cancer Medicine</i> , 2013, 2, 50-56.	1.3	86
163	Candidate genes revisited in the genetics of hypertension and blood pressure. <i>Hypertension Research</i> , 2013, 36, 1032-1034.	1.5	1
164	VAAST 2.0: Improved Variant Classification and Disease-Gene Identification Using a Conservation-Controlled Amino Acid Substitution Matrix. <i>Genetic Epidemiology</i> , 2013, 37, 622-634.	0.6	128
165	Quantitative Allelic Test – A Fast Test for Very Large Association Studies. <i>Genetic Epidemiology</i> , 2013, 37, 831-839.	0.6	5

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166	The Impact of Improved Microarray Coverage and Larger Sample Sizes on Future Genome-Wide Association Studies. <i>Genetic Epidemiology</i> , 2013, 37, 383-392.	0.6	23
167	Analysis of natural variation reveals neurogenetic networks for <i>Drosophila</i> olfactory behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1017-1022.	3.3	95
168	Monozygotic twins affected with major depressive disorder have greater variance in methylation than their unaffected co-twin. <i>Translational Psychiatry</i> , 2013, 3, e269-e269.	2.4	89
169	TLRs, SNPs and VLBWs: Oh My!. <i>Journal of Perinatology</i> , 2013, 33, 745-747.	0.9	2
170	Power in GWAS: lifting the curse of the clinical cut-off. <i>Molecular Psychiatry</i> , 2013, 18, 2-3.	4.1	72
171	Genome-wide association study of serum albumin:globulin ratio in Korean populations. <i>Journal of Human Genetics</i> , 2013, 58, 174-177.	1.1	11
172	Genome-wide association study identifies loci on 12q24 and 13q32 associated with Tetralogy of Fallot. <i>Human Molecular Genetics</i> , 2013, 22, 1473-1481.	1.4	82
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1062	The personal and clinical utility of polygenic risk scores. <i>Nature Reviews Genetics</i> , 2018, 19, 581-590.	7.7	1,102
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1072	The Epigenetics of Autoimmunity: An Overview. , 2018, , 1-23.		0
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1077	Genetic Programming of Hypertension. <i>Frontiers in Pediatrics</i> , 2018, 5, 285.	0.9	31
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1079	COPD: Hereditary (A1-AT) and Non-hereditary "What Are the Roles of Genetic Factors in the Pathogenesis of COPD?. <i>Respiratory Disease Series</i> , 2018, , 57-75.	0.1	0
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1086	Genetic determinants of co-accessible chromatin regions in activated T cells across humans. <i>Nature Genetics</i> , 2018, 50, 1140-1150.	9.4	139
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