

Joel Gelernter

List of Publications by Citations

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565
papers

29,119
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145
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635
ext. papers

34,613
ext. citations

6.7
avg, IF

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L-index

#	Paper	IF	Citations
565	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. <i>Nature Genetics</i> , 2019 , 51, 63-75	36.3	826
564	Synonymous mutations in the human dopamine receptor D2 (DRD2) affect mRNA stability and synthesis of the receptor. <i>Human Molecular Genetics</i> , 2003 , 12, 205-16	5.6	694
563	Social supports and serotonin transporter gene moderate depression in maltreated children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17316-21	11.5	685
562	Brain-derived neurotrophic factor-5-HTTLPR gene interactions and environmental modifiers of depression in children. <i>Biological Psychiatry</i> , 2006 , 59, 673-80	7.9	569
561	A functional polymorphism of the mu-opioid receptor gene is associated with naltrexone response in alcohol-dependent patients. <i>Neuropsychopharmacology</i> , 2003 , 28, 1546-52	8.7	525
560	Serotonin transporter protein (SLC6A4) allele and haplotype frequencies and linkage disequilibria in African- and European-American and Japanese populations and in alcohol-dependent subjects. <i>Human Genetics</i> , 1997 , 101, 243-6	6.3	367
559	Psychiatric Genomics: An Update and an Agenda. <i>American Journal of Psychiatry</i> , 2018 , 175, 15-27	11.9	328
558	The serotonin transporter genotype and social support and moderation of posttraumatic stress disorder and depression in hurricane-exposed adults. <i>American Journal of Psychiatry</i> , 2007 , 164, 1693-9	11.9	323
557	DCDC2 is associated with reading disability and modulates neuronal development in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17053-8	11.5	298
556	Multiple independent loci at chromosome 15q25.1 affect smoking quantity: a meta-analysis and comparison with lung cancer and COPD. <i>PLoS Genetics</i> , 2010 , 6, e1001053	6	291
555	Genome-wide association study of alcohol dependence: significant findings in African- and European-Americans including novel risk loci. <i>Molecular Psychiatry</i> , 2014 , 19, 41-9	15.1	278
554	GWAS of lifetime cannabis use reveals new risk loci, genetic overlap with psychiatric traits, and a causal influence of schizophrenia. <i>Nature Neuroscience</i> , 2018 , 21, 1161-1170	25.5	270
553	Interaction of FKBP5 with childhood adversity on risk for post-traumatic stress disorder. <i>Neuropsychopharmacology</i> , 2010 , 35, 1684-92	8.7	262
552	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. <i>Nature Neuroscience</i> , 2018 , 21, 1656-1669	25.5	257
551	Prediction of dopamine transporter binding availability by genotype: a preliminary report. <i>American Journal of Psychiatry</i> , 2000 , 157, 1700-3	11.9	254
550	Genetics of two mu opioid receptor gene (OPRM1) exon I polymorphisms: population studies, and allele frequencies in alcohol- and drug-dependent subjects. <i>Molecular Psychiatry</i> , 1999 , 4, 476-83	15.1	239
549	A quantitative-trait analysis of human plasma-dopamine beta-hydroxylase activity: evidence for a major functional polymorphism at the DBH locus. <i>American Journal of Human Genetics</i> , 2001 , 68, 515-22	11	231

548	Allelic and haplotypic association of GABRA2 with alcohol dependence. <i>American Journal of Medical Genetics Part A</i> , 2004 , 129B, 104-9		229
547	Child abuse, depression, and methylation in genes involved with stress, neural plasticity, and brain circuitry. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014 , 53, 417-24.e5	7.2	221
546	Interaction of childhood maltreatment with the corticotropin-releasing hormone receptor gene: effects on hypothalamic-pituitary-adrenal axis reactivity. <i>Biological Psychiatry</i> , 2009 , 66, 681-5	7.9	219
545	A prospective cohort study investigating factors associated with depression during medical internship. <i>Archives of General Psychiatry</i> , 2010 , 67, 557-65		214
544	Addictions biology: haplotype-based analysis for 130 candidate genes on a single array. <i>Alcohol and Alcoholism</i> , 2008 , 43, 505-15	3.5	214
543	Interactive effect of stressful life events and the serotonin transporter 5-HTTLPR genotype on posttraumatic stress disorder diagnosis in 2 independent populations. <i>Archives of General Psychiatry</i> , 2009 , 66, 1201-9		195
542	Population studies of polymorphisms of the serotonin transporter protein gene 1999 , 88, 61-66		185
541	Genetic association between dopamine transporter protein alleles and cocaine-induced paranoia. <i>Neuropsychopharmacology</i> , 1994 , 11, 195-200	8.7	183
540	Gene-by-environment (serotonin transporter and childhood maltreatment) interaction for anxiety sensitivity, an intermediate phenotype for anxiety disorders. <i>Neuropsychopharmacology</i> , 2008 , 33, 312-9	8.7	181
539	COMT polymorphisms and anxiety-related personality traits. <i>Neuropsychopharmacology</i> , 2005 , 30, 2092-8	8.2	181
538	The A1 allele at the D2 dopamine receptor gene and alcoholism. A reappraisal. <i>JAMA - Journal of the American Medical Association</i> , 1993 , 269, 1673-1677	27.4	180
537	Evidence for linkage disequilibrium between serotonin transporter protein gene (SLC6A4) and obsessive compulsive disorder. <i>Molecular Psychiatry</i> , 1998 , 3, 270-3	15.1	178
536	Child abuse and epigenetic mechanisms of disease risk. <i>American Journal of Preventive Medicine</i> , 2013 , 44, 101-7	6.1	169
535	No association between an allele at the D2 dopamine receptor gene (DRD2) and alcoholism. <i>JAMA - Journal of the American Medical Association</i> , 1991 , 266, 1801-1807	27.4	169
534	Genome-wide association study of alcohol consumption and use disorder in 274,424 individuals from multiple populations. <i>Nature Communications</i> , 2019 , 10, 1499	17.4	164
533	D4 dopamine-receptor (DRD4) alleles and novelty seeking in substance-dependent, personality-disorder, and control subjects. <i>American Journal of Human Genetics</i> , 1997 , 61, 1144-52	11	162
532	Correlates of co-occurring ADHD in drug-dependent subjects: prevalence and features of substance dependence and psychiatric disorders. <i>Addictive Behaviors</i> , 2008 , 33, 1199-207	4.2	161
531	A haplotype at the DBH locus, associated with low plasma dopamine beta-hydroxylase activity, also associates with cocaine-induced paranoia. <i>Molecular Psychiatry</i> , 2000 , 5, 56-63	15.1	161

530	NO Association Between an Allele at the D2 Dopamine Receptor Gene (DRD2) and Alcoholism. <i>JAMA - Journal of the American Medical Association</i> , 1991 , 266, 1801	27.4	161
529	Association between alcoholism and gamma-amino butyric acid alpha2 receptor subtype in a Russian population. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 493-8	3.7	160
528	Adverse childhood events as risk factors for substance dependence: partial mediation by mood and anxiety disorders. <i>Addictive Behaviors</i> , 2010 , 35, 7-13	4.2	157
527	CHRM2 gene predisposes to alcohol dependence, drug dependence and affective disorders: results from an extended case-control structured association study. <i>Human Molecular Genetics</i> , 2005 , 14, 2421-34 ⁶	5.6	157
526	Gamma-aminobutyric acid type A receptors and alcoholism: intoxication, dependence, vulnerability, and treatment. <i>Archives of General Psychiatry</i> , 2006 , 63, 957-68		156
525	The variable number of tandem repeats polymorphism of the dopamine transporter gene is not associated with significant change in dopamine transporter phenotype in humans. <i>Neuropsychopharmacology</i> , 2001 , 24, 553-60	8.7	155
524	MAOA genotype, maltreatment, and aggressive behavior: the changing impact of genotype at varying levels of trauma. <i>Biological Psychiatry</i> , 2009 , 65, 417-24	7.9	154
523	Serotonin transporter protein gene polymorphism and personality measures in African American and European American subjects. <i>American Journal of Psychiatry</i> , 1998 , 155, 1332-8	11.9	154
522	The A1 Allele at the D2 Dopamine Receptor Gene and Alcoholism. <i>JAMA - Journal of the American Medical Association</i> , 1993 , 269, 1673	27.4	154
521	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019 , 10, 4558	17.4	151
520	Genetic and environmental predictors of early alcohol use. <i>Biological Psychiatry</i> , 2007 , 61, 1228-34	7.9	150
519	Possible association of a polymorphism of the tryptophan hydroxylase gene with suicidal behavior in depressed patients. <i>American Journal of Psychiatry</i> , 1997 , 154, 1451-3	11.9	149
518	Diagnostic reliability of the Semi-structured Assessment for Drug Dependence and Alcoholism (SSADDA). <i>Drug and Alcohol Dependence</i> , 2005 , 80, 303-12	4.9	147
517	Brain derived neurotrophic factor (BDNF) gene variants and Alzheimer's disease, affective disorders, posttraumatic stress disorder, schizophrenia, and substance dependence. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006 , 141B, 387-93	3.5	144
516	Genome-wide association study of opioid dependence: multiple associations mapped to calcium and potassium pathways. <i>Biological Psychiatry</i> , 2014 , 76, 66-74	7.9	143
515	A functional neuropeptide Y Leu7Pro polymorphism associated with alcohol dependence in a large population sample from the United States. <i>Archives of General Psychiatry</i> , 2002 , 59, 825-31		141
514	Topiramate treatment for heavy drinkers: moderation by a GRIK1 polymorphism. <i>American Journal of Psychiatry</i> , 2014 , 171, 445-52	11.9	138
513	Association between two mu-opioid receptor gene (OPRM1) haplotype blocks and drug or alcohol dependence. <i>Human Molecular Genetics</i> , 2006 , 15, 807-19	5.6	138

512	GPA: a statistical approach to prioritizing GWAS results by integrating pleiotropy and annotation. <i>PLoS Genetics</i> , 2014 , 10, e1004787	6	137
511	D2 receptors binding potential is not affected by Taq1 polymorphism at the D2 receptor gene. <i>Molecular Psychiatry</i> , 1998 , 3, 261-5	15.1	137
510	Haplotype spanning TTC12 and ANKK1, flanked by the DRD2 and NCAM1 loci, is strongly associated to nicotine dependence in two distinct American populations. <i>Human Molecular Genetics</i> , 2006 , 15, 3498-507	5.6	137
509	Genome-wide association study identifies new susceptibility loci for posttraumatic stress disorder. <i>Biological Psychiatry</i> , 2013 , 74, 656-63	7.9	129
508	Modification of the association between serotonin transporter genotype and risk of posttraumatic stress disorder in adults by county-level social environment. <i>American Journal of Epidemiology</i> , 2009 , 169, 704-11	3.8	126
507	Genome-Wide Association Studies of a Broad Spectrum of Antisocial Behavior. <i>JAMA Psychiatry</i> , 2017 , 74, 1242-1250	14.5	124
506	Genome-wide association study of cocaine dependence and related traits: FAM53B identified as a risk gene. <i>Molecular Psychiatry</i> , 2014 , 19, 717-23	15.1	124
505	The OPRD1 and OPRK1 loci in alcohol or drug dependence: OPRD1 variation modulates substance dependence risk. <i>Molecular Psychiatry</i> , 2008 , 13, 531-43	15.1	120
504	Influence of RGS2 on anxiety-related temperament, personality, and brain function. <i>Archives of General Psychiatry</i> , 2008 , 65, 298-308		120
503	Dopamine beta-hydroxylase: two polymorphisms in linkage disequilibrium at the structural gene DBH associate with biochemical phenotypic variation. <i>Human Genetics</i> , 1998 , 102, 533-40	6.3	117
502	Serotonin transporter gene promoter polymorphism predicts SSRI response in generalized social anxiety disorder. <i>Psychopharmacology</i> , 2006 , 187, 68-72	4.7	116
501	Association between the cortisol response to opioid blockade and the Asn40Asp polymorphism at the mu-opioid receptor locus (OPRM1). <i>American Journal of Medical Genetics Part A</i> , 2003 , 118B, 60-5		116
500	Genome-wide Association Studies of Posttraumatic Stress Disorder in 2 Cohorts of US Army Soldiers. <i>JAMA Psychiatry</i> , 2016 , 73, 695-704	14.5	114
499	Strong association of the alcohol dehydrogenase 1B gene (ADH1B) with alcohol dependence and alcohol-induced medical diseases. <i>Biological Psychiatry</i> , 2011 , 70, 504-12	7.9	113
498	The D4 dopamine receptor (DRD4) maps to distal 11p close to HRAS. <i>Genomics</i> , 1992 , 13, 208-10	4.3	113
497	Genome-wide Association Study of Cannabis Dependence Severity, Novel Risk Variants, and Shared Genetic Risks. <i>JAMA Psychiatry</i> , 2016 , 73, 472-80	14.5	113
496	Genomewide linkage scan for cocaine dependence and related traits: significant linkages for a cocaine-related trait and cocaine-induced paranoia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005 , 136B, 45-52	3.5	111
495	Central serotonin transporter availability measured with [¹²³ I]beta-CIT SPECT in relation to serotonin transporter genotype. <i>American Journal of Psychiatry</i> , 2004 , 161, 525-31	11.9	110

494	Serotonin transporter gene associations with psychopathic traits in youth vary as a function of socioeconomic resources. <i>Journal of Abnormal Psychology</i> , 2010 , 119, 604-9	7	109
493	Corpus callosum dimensions measured by magnetic resonance imaging in bipolar affective disorder and schizophrenia. <i>Biological Psychiatry</i> , 1989 , 26, 659-68	7.9	109
492	Variant callers for next-generation sequencing data: a comparison study. <i>PLoS ONE</i> , 2013 , 8, e75619	3.7	107
491	Strong protective effect of the aldehyde dehydrogenase gene (ALDH2) 504lys (*2) allele against alcoholism and alcohol-induced medical diseases in Asians. <i>Human Genetics</i> , 2012 , 131, 725-37	6.3	105
490	Association of haplotypic variants in DRD2, ANKK1, TTC12 and NCAM1 to alcohol dependence in independent case control and family samples. <i>Human Molecular Genetics</i> , 2007 , 16, 2844-53	5.6	104
489	Practical population group assignment with selected informative markers: characteristics and properties of Bayesian clustering via STRUCTURE. <i>Genetic Epidemiology</i> , 2005 , 28, 302-12	2.6	103
488	Genome-wide association study of lifetime cannabis use based on a large meta-analytic sample of 32 330 subjects from the International Cannabis Consortium. <i>Translational Psychiatry</i> , 2016 , 6, e769	8.6	102
487	No linkage between D2 dopamine receptor gene region and schizophrenia. <i>Archives of General Psychiatry</i> , 1991 , 48, 643-7		101
486	Opioid receptor gene (OPRM1, OPRK1, and OPRD1) variants and response to naltrexone treatment for alcohol dependence: results from the VA Cooperative Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 555-63	3.7	100
485	Reliability of DSM-IV diagnostic criteria using the semi-structured assessment for drug dependence and alcoholism (SSADDA). <i>Drug and Alcohol Dependence</i> , 2007 , 91, 85-90	4.9	100
484	Diplotype trend regression analysis of the ADH gene cluster and the ALDH2 gene: multiple significant associations with alcohol dependence. <i>American Journal of Human Genetics</i> , 2006 , 78, 973-87 ¹¹		99
483	Genomewide linkage scan for opioid dependence and related traits. <i>American Journal of Human Genetics</i> , 2006 , 78, 759-769	11	98
482	Sex-biased methylome and transcriptome in human prefrontal cortex. <i>Human Molecular Genetics</i> , 2014 , 23, 1260-70	5.6	97
481	Genetics of alcohol dependence. <i>Human Genetics</i> , 2009 , 126, 91-9	6.3	97
480	CNR1 variation modulates risk for drug and alcohol dependence. <i>Biological Psychiatry</i> , 2007 , 62, 616-26	7.9	96
479	Allelic variation in the D4 dopamine receptor (DRD4) gene does not predict response to clozapine. <i>Archives of General Psychiatry</i> , 1994 , 51, 912-7		94
478	X-chromosome markers and manic-depressive illness. Rejection of linkage to Xq28 in nine bipolar pedigrees. <i>Archives of General Psychiatry</i> , 1990 , 47, 366-73		93
477	A Genetic Investigation of Sex Bias in the Prevalence of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2018 , 83, 1044-1053	7.9	93

476	Genome-wide association study of post-traumatic stress disorder reexperiencing symptoms in >165,000 US veterans. <i>Nature Neuroscience</i> , 2019 , 22, 1394-1401	25.5	92
475	No association between D2 dopamine receptor (DRD2) "A" system alleles, or DRD2 haplotypes, and posttraumatic stress disorder. <i>Biological Psychiatry</i> , 1999 , 45, 620-5	7.9	92
474	Linkage disequilibrium between an allele at the dopamine D4 receptor locus and Tourette syndrome, by the transmission-disequilibrium test. <i>American Journal of Human Genetics</i> , 1996 , 59, 644-52 ¹¹		92
473	Population genetics of a functional variant of the dopamine beta-hydroxylase gene (DBH). <i>American Journal of Medical Genetics Part A</i> , 1997 , 74, 374-9		91
472	Variation in nicotinic acetylcholine receptor genes is associated with multiple substance dependence phenotypes. <i>Neuropsychopharmacology</i> , 2010 , 35, 1921-31	8.7	90
471	Genetic variants of Nogo-66 receptor with possible association to schizophrenia block myelin inhibition of axon growth. <i>Journal of Neuroscience</i> , 2008 , 28, 13161-72	6.6	90
470	Haplotypes at the OPRM1 locus are associated with susceptibility to substance dependence in European-Americans. <i>American Journal of Medical Genetics Part A</i> , 2003 , 120B, 97-108		90
469	Effects of the brain-derived neurotrophic growth factor val66met variation on hippocampus morphology in bipolar disorder. <i>Neuropsychopharmacology</i> , 2009 , 34, 944-51	8.7	89
468	Genetic variation in 5HTTLPR is associated with emotional resilience. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009 , 150B, 900-6	3.5	88
467	Genome-wide association study of alcohol dependence implicates KIAA0040 on chromosome 1q. <i>Neuropsychopharmacology</i> , 2012 , 37, 557-66	8.7	88
466	Variant in RGS2 moderates posttraumatic stress symptoms following potentially traumatic event exposure. <i>Journal of Anxiety Disorders</i> , 2009 , 23, 369-73	10.9	88
465	Tryptophan hydroxylase genotype is associated with impulsive-aggression measures: a preliminary study. <i>American Journal of Medical Genetics Part A</i> , 1998 , 81, 13-7		88
464	ADH4 gene variation is associated with alcohol dependence and drug dependence in European Americans: results from HWD tests and case-control association studies. <i>Neuropsychopharmacology</i> , 2006 , 31, 1085-95	8.7	87
463	Linkage genome scan for loci predisposing to panic disorder or agoraphobia. <i>American Journal of Medical Genetics Part A</i> , 2001 , 105, 548-57		85
462	Genetic polymorphism at the CLOCK gene locus and major depression. <i>American Journal of Medical Genetics Part A</i> , 2000 , 96, 418-21		83
461	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. <i>Nature Genetics</i> , 2021 , 53, 817-829	36.3	83
460	ALDH2 is associated to alcohol dependence and is the major genetic determinant of "daily maximum drinks" in a GWAS study of an isolated rural Chinese sample. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014 , 165B, 103-10	3.5	82
459	ADH4 gene variation is associated with alcohol and drug dependence: results from family controlled and population-structured association studies. <i>Pharmacogenetics and Genomics</i> , 2005 , 15, 755-68	1.9	82

458	Haplotypic variants in DRD2, ANKK1, TTC12, and NCAM1 are associated with comorbid alcohol and drug dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2008 , 32, 2117-27	3.7	79
457	Suicide, impulsive aggression, and HTR1B genotype. <i>Biological Psychiatry</i> , 2001 , 50, 62-5	7.9	78
456	Association of the OPRM1 Variant rs1799971 (A118G) with Non-Specific Liability to Substance Dependence in a Collaborative de novo Meta-Analysis of European-Ancestry Cohorts. <i>Behavior Genetics</i> , 2016 , 46, 151-69	3.2	77
455	Genetic-epigenetic interactions in cis: a major focus in the post-GWAS era. <i>Genome Biology</i> , 2017 , 18, 120	18.3	76
454	Association of gamma-aminobutyric acid A receptor α gene (GABRA2) with alcohol use disorder. <i>Neuropsychopharmacology</i> , 2014 , 39, 907-18	8.7	76
453	Significant association of the neurexin-1 gene (NRXN1) with nicotine dependence in European- and African-American smokers. <i>Human Molecular Genetics</i> , 2008 , 17, 1569-77	5.6	76
452	Variation in GABRA2 predicts drinking behavior in project MATCH subjects. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 1780-7	3.7	76
451	The structure of linkage disequilibrium at the DBH locus strongly influences the magnitude of association between diallelic markers and plasma dopamine beta-hydroxylase activity. <i>American Journal of Human Genetics</i> , 2003 , 72, 1389-400	11	76
450	Temporal lobe measurement in primary affective disorder by magnetic resonance imaging. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 1989 , 1, 128-34	2.7	76
449	Array-based profiling of DNA methylation changes associated with alcohol dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2013 , 37 Suppl 1, E108-15	3.7	75
448	Results of a genomewide linkage scan: support for chromosomes 9 and 11 loci increasing risk for cigarette smoking. <i>American Journal of Medical Genetics Part A</i> , 2004 , 128B, 94-101		75
447	Evidence of CNH3 involvement in opioid dependence. <i>Molecular Psychiatry</i> , 2016 , 21, 608-14	15.1	74
446	Markers in the 5Kregion of GABRG1 associate to alcohol dependence and are in linkage disequilibrium with markers in the adjacent GABRA2 gene. <i>Neuropsychopharmacology</i> , 2008 , 33, 837-48	8.7	74
445	Association between a serotonin transporter promoter region polymorphism and mood response during tryptophan depletion. <i>Molecular Psychiatry</i> , 2002 , 7, 213-6	15.1	73
444	Genome scan for loci predisposing to anxiety disorders using a novel multivariate approach: strong evidence for a chromosome 4 risk locus. <i>American Journal of Human Genetics</i> , 2006 , 78, 543-53	11	71
443	Genome-wide linkage scan for loci predisposing to social phobia: evidence for a chromosome 16 risk locus. <i>American Journal of Psychiatry</i> , 2004 , 161, 59-66	11.9	70
442	D2 dopamine receptor gene (DRD2) allele and haplotype frequencies in alcohol dependent and control subjects: no association with phenotype or severity of phenotype. <i>Neuropsychopharmacology</i> , 1999 , 20, 640-9	8.7	70
441	Genomewide linkage scan for nicotine dependence: identification of a chromosome 5 risk locus. <i>Biological Psychiatry</i> , 2007 , 61, 119-26	7.9	69

440	Genome-wide meta-analysis of problematic alcohol use in 435,563 individuals yields insights into biology and relationships with other traits. <i>Nature Neuroscience</i> , 2020 , 23, 809-818	25.5	69
439	Genome-wide meta-analysis reveals common splice site acceptor variant in CHRNA4 associated with nicotine dependence. <i>Translational Psychiatry</i> , 2015 , 5, e651	8.6	68
438	Family-based association study of serotonin transporter promoter in suicidal adolescents: no association with suicidality but possible role in violence traits. <i>American Journal of Medical Genetics Part A</i> , 2001 , 105, 239-45		68
437	Genome-wide association study of therapeutic opioid dosing identifies a novel locus upstream of OPRM1. <i>Molecular Psychiatry</i> , 2017 , 22, 346-352	15.1	67
436	The association of genetic variation in CACNA1C with structure and function of a frontotemporal system. <i>Bipolar Disorders</i> , 2011 , 13, 696-700	3.8	67
435	Early-life stress, corpus callosum development, hippocampal volumetrics, and anxious behavior in male nonhuman primates. <i>Psychiatry Research - Neuroimaging</i> , 2011 , 192, 37-44	2.9	67
434	Gilles de la Tourette syndrome is not linked to D2-dopamine receptor. <i>Archives of General Psychiatry</i> , 1990 , 47, 1073-7		67
433	RGS2 and generalized anxiety disorder in an epidemiologic sample of hurricane-exposed adults. <i>Depression and Anxiety</i> , 2009 , 26, 309-15	8.4	65
432	Increased genetic vulnerability to smoking at CHRNA5 in early-onset smokers. <i>Archives of General Psychiatry</i> , 2012 , 69, 854-60		65
431	Population studies of polymorphisms at loci of neuropsychiatric interest (tryptophan hydroxylase (TPH), dopamine transporter protein (SLC6A3), D3 dopamine receptor (DRD3), apolipoprotein E (APOE), mu opioid receptor (OPRM1), and ciliary neurotrophic factor (CNTF)). <i>Genomics</i> , 1998 , 52, 289-97	4.3	65
430	Reproducible Genetic Risk Loci for Anxiety: Results From ~200,000 Participants in the Million Veteran Program. <i>American Journal of Psychiatry</i> , 2020 , 177, 223-232	11.9	64
429	Linkage mapping of serotonin transporter protein gene SLC6A4 on chromosome 17. <i>Human Genetics</i> , 1995 , 95, 677-80	6.3	63
428	Discovery of the first genome-wide significant risk loci for ADHD		62
427	Prevalence of DSM-IV and DSM-5 alcohol, cocaine, opioid, and cannabis use disorders in a largely substance dependent sample. <i>Drug and Alcohol Dependence</i> , 2013 , 127, 215-9	4.9	60
426	Effects of opioid receptor gene variation on targeted nalmefene treatment in heavy drinkers. <i>Alcoholism: Clinical and Experimental Research</i> , 2008 , 32, 1159-66	3.7	59
425	Improving genetic risk prediction by leveraging pleiotropy. <i>Human Genetics</i> , 2014 , 133, 639-50	6.3	58
424	A polymorphism of the beta1-adrenergic receptor is associated with low extraversion. <i>Biological Psychiatry</i> , 2004 , 56, 217-24	7.9	58
423	Pervasive pleiotropy between psychiatric disorders and immune disorders revealed by integrative analysis of multiple GWAS. <i>Human Genetics</i> , 2015 , 134, 1195-209	6.3	57

4 ²²	DNA co-methylation modules in postmortem prefrontal cortex tissues of European Australians with alcohol use disorders. <i>Scientific Reports</i> , 2016 , 6, 19430	4.9	57
4 ²¹	C957T polymorphism of the dopamine D2 receptor gene modulates the effect of nicotine on working memory performance and cortical processing efficiency. <i>Psychopharmacology</i> , 2006 , 188, 530-40	4.7	57
4 ²⁰	FKBP5 polymorphisms, childhood abuse, and PTSD symptoms: Results from the National Health and Resilience in Veterans Study. <i>Psychoneuroendocrinology</i> , 2016 , 69, 98-105	5	57
4 ¹⁹	Polygenic Scores for Major Depressive Disorder and Risk of Alcohol Dependence. <i>JAMA Psychiatry</i> , 2017 , 74, 1153-1160	14.5	56
4 ¹⁸	Genome-wide association study of nicotine dependence in American populations: identification of novel risk loci in both African-Americans and European-Americans. <i>Biological Psychiatry</i> , 2015 , 77, 493-503	7.9	56
4 ¹⁷	Serotonin transporter 5-HTTLPR genotype moderates the effects of childhood adversity on posttraumatic stress disorder risk: a replication study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012 , 159B, 644-52	3.5	56
4 ¹⁶	A common genetic variant in the neurexin superfamily member CNTNAP2 is associated with increased risk for selective mutism and social anxiety-related traits. <i>Biological Psychiatry</i> , 2011 , 69, 825-31	7.9	56
4 ¹⁵	Association study of the CNR1 gene exon 3 alternative promoter region polymorphisms and substance dependence. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006 , 141B, 499-503	3.5	56
4 ¹⁴	Integrating GWASs and human protein interaction networks identifies a gene subnetwork underlying alcohol dependence. <i>American Journal of Human Genetics</i> , 2013 , 93, 1027-34	11	55
4 ¹³	Rare nonsynonymous variants in alpha-4 nicotinic acetylcholine receptor gene protect against nicotine dependence. <i>Biological Psychiatry</i> , 2011 , 70, 528-36	7.9	55
4 ¹²	Components of cross-frequency modulation in health and disease. <i>Frontiers in Systems Neuroscience</i> , 2011 , 5, 59	3.5	55
4 ¹¹	The role of early life stress in development of the anterior limb of the internal capsule in nonhuman primates. <i>Neuroscience Letters</i> , 2010 , 480, 93-6	3.3	55
4 ¹⁰	Apolipoprotein E epsilon4 allele is unrelated to cognitive or functional decline in Alzheimer's disease: retrospective and prospective analysis. <i>Dementia and Geriatric Cognitive Disorders</i> , 2006 , 22, 73-82	2.6	55
4 ⁰⁹	Measurement of admixture proportions and description of admixture structure in different U.S. populations. <i>Human Mutation</i> , 2009 , 30, 1299-309	4.7	54
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