Jay Arnold Tischfield

List of Publications by Year in Descending Order

248 papers	15,745 citations	63 h-index	119 g-index
268 ext. papers	17,771 ext. citations	7.4 avg, IF	5.61 L-index

#	Paper	IF	Citations
248	Whole-exome sequencing identifies genes associated with Tourette disorder in multiplex families. *Molecular Psychiatry*, **2021**,	15.1	4
247	The associations between polygenic risk, sensation seeking, social support, and alcohol use in adulthood. *Journal of Abnormal Psychology*, **2021**, 130, 525-536	7	0
246	Genome-wide admixture mapping of DSM-IV alcohol dependence, criterion count, and the self-rating of the effects of ethanol in African American populations. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2021**, 186, 151-161	3.5	0
245	Allele-specific expression and high-throughput reporter assay reveal functional genetic variants associated with alcohol use disorders. *Molecular Psychiatry*, **2021**, 26, 1142-1151	15.1	15
244	Synaptic processes and immune-related pathways implicated in Tourette syndrome. *Translational Psychiatry*, **2021**, 11, 56	8.6	11
243	Multi-omics integration analysis identifies novel genes for alcoholism with potential overlap with neurodegenerative diseases. *Nature Communications*, **2021**, 12, 5071	17.4	4
242	Multivariate analysis of 1.5 million people identifies genetic associations with traits related to self-regulation and addiction. *Nature Neuroscience*, **2021**, 24, 1367-1376	25.5	10
241	Determinants and Dynamics of SARS-CoV-2 Infection in a Diverse Population: 6-Month Evaluation of a Prospective Cohort Study. *Journal of Infectious Diseases*, **2021**, 224, 1345-1356	7	3
240	Investigation of gene-environment interactions in relation to tic severity. *Journal of Neural Transmission*, **2021**, 128, 1757-1765	4.3	1
239	Evolution of the SARS-CoV-2 proteome in three dimensions (3D) during the first 6 months of the COVID-19 pandemic. *Proteins: Structure, Function and Bioinformatics*, **2021**,	4.2	14
238	Elevated common variant genetic risk for tourette syndrome in a densely-affected pedigree. *Molecular Psychiatry*, **2021**,	15.1	1
237	Identification of Functional Genetic Variants Associated With Alcohol Dependence and Related Phenotypes Using a High-Throughput Assay. *Alcoholism: Clinical and Experimental Research*, **2020**, 44, 2494-2518	3.7	1
236	Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Is Comparable in Clinical Samples Preserved in Saline or Viral Transport Medium. *Journal of Molecular Diagnostics*, **2020**, 22, 871-875	5.1	31
235	Modelling the single most common SNP in OPRM1 (A118G) using human neurons generated from two sets of independently targeted isogenic stem cell lines. *Molecular Psychiatry*, **2020**, 25, 1355-1355	15.1	1
234	Addiction associated N40D mu-opioid receptor variant modulates synaptic function in human neurons. *Molecular Psychiatry*, **2020**, 25, 1406-1419	15.1	13
233	Sibling comparisons elucidate the associations between educational attainment polygenic scores and alcohol, nicotine and cannabis. *Addiction*, **2020**, 115, 337-346	4.6	5
232	Prevalence of SARS-CoV-2 infection in previously undiagnosed health care workers in New Jersey, at the onset of the U.S. COVID-19 pandemic. *BMC Infectious Diseases*, **2020**, 20, 853	4	90

231	SirT7 auto-ADP-ribosylation regulates glucose starvation response through mH2A1. *Science Advances*, **2020**, 6, eaaz2590	14.3	13
230	Virtual Boot Camp: COVID-19 evolution and structural biology. *Biochemistry and Molecular Biology Education*, **2020**, 48, 511-513	1.3	4
229	Genome-wide association studies of the self-rating of effects of ethanol (SRE). *Addiction Biology*, **2020**, 25, e12800	4.6	6
228	Metabolic consequences of cystinuria. *BMC Nephrology*, **2019**, 20, 227	2.7	4
227	SIRT7 mediates L1 elements transcriptional repression and their association with the nuclear lamina. *Nucleic Acids Research*, **2019**, 47, 7870-7885	20.1	32
226	Genome-wide association studies of alcohol dependence, DSM-IV criterion count and individual criteria. *Genes, Brain and Behavior*, **2019**, 18, e12579	3.6	22
225	Genome-wide association study identifies loci associated with liability to alcohol and drug dependence that is associated with variability in reward-related ventral striatum activity in African- and European-Americans. *Genes, Brain and Behavior*, **2019**, 18, e12580	3.6	8
224	Interrogating the Genetic Determinants of Tourette's Syndrome and Other Tic Disorders Through Genome-Wide Association Studies. *American Journal of Psychiatry*, **2019**, 176, 217-227	11.9	95
223	Analysis of whole genome-transcriptomic organization in brain to identify genes associated with alcoholism. *Translational Psychiatry*, **2019**, 9, 89	8.6	33
222	Association of Polygenic Liability for Alcohol Dependence and EEG Connectivity in Adolescence and Young Adulthood. *Brain Sciences*, **2019**, 9,	3.4	7
221	Exploring the relationship between polygenic risk for cannabis use, peer cannabis use and the longitudinal course of cannabis involvement. *Addiction*, **2019**, 114, 687-697	4.6	10
220	Ethanol activates immune response in lymphoblastoid cells. *Alcohol*, **2019**, 79, 81-91	2.7	9
219	Cystinuria: genetic aspects, mouse models, and a new approach to therapy. *Urolithiasis*, **2019**, 47, 57-66	3.2	28
218	Polygenic Risk Scores Derived From a Tourette Syndrome Genome-wide Association Study Predict Presence of Tics in the Avon Longitudinal Study of Parents and Children Cohort. *Biological Psychiatry*, **2019**, 85, 298-304	7.9	12
217	CYP2A6 metabolism in the development of smoking behaviors in young adults. *Addiction Biology*, **2018**, 23, 437-447	4.6	7
216	Investigation of previously implicated genetic variants in chronic tic disorders: a transmission disequilibrium test approach. *European Archives of Psychiatry and Clinical Neuroscience*, **2018**, 268, 301-316	5.1	15
215	hsa-let-7c miRNA Regulates Synaptic and Neuronal Function in Human Neurons. *Frontiers in Synaptic Neuroscience*, **2018**, 10, 19	3.5	14
214	Biomanufacturing for clinically advanced cell therapies. *Nature Biomedical Engineering*, **2018**, 2, 362-376	19	86

213	Correlation of Prostate Cancer CHD1 Status with Response to Androgen Deprivation Therapy: a Pilot Study **2018**, 2,		1
212	De Novo Sequence and Copy Number Variants Are Strongly Associated with Tourette Disorder and Implicate Cell Polarity in Pathogenesis. *Cell Reports*, **2018**, 24, 3441-3454.e12	10.6	51
211	A genome wide association study of fast beta EEG in families of European ancestry. *International Journal of Psychophysiology*, **2017**, 115, 74-85	2.9	5
210	Lipoic acid treatment prevents cystine urolithiasis in a mouse model of cystinuria. *Nature Medicine*, **2017**, 23, 288-290	50.5	34
209	De Novo Coding Variants Are Strongly Associated with Tourette Disorder. *Neuron*, **2017**, 94, 486-499.e9	13.9	89
208	A KCNJ6 gene polymorphism modulates theta oscillations during reward processing. *International Journal of Psychophysiology*, **2017**, 115, 13-23	2.9	3
207	A GABRA2 polymorphism improves a model for prediction of drinking initiation. *Alcohol*, **2017**, 63, 1-8	2.7	4
206	Polygenic Scores for Major Depressive Disorder and Risk of Alcohol Dependence. *JAMA Psychiatry*, **2017**, 74, 1153-1160	14.5	56
205	Pre- and perinatal complications in relation to Tourette syndrome and co-occurring obsessive-compulsive disorder and attention-deficit/hyperactivity disorder. *Journal of Psychiatric Research*, **2016**, 82, 126-35	5.2	25
204	l-Cystine Diamides as l-Cystine Crystallization Inhibitors for Cystinuria. *Journal of Medicinal Chemistry*, **2016**, 59, 7293-8	8.3	15
203	Increased nicotine response in iPSC-derived human neurons carrying the CHRNA5 N398 allele. *Scientific Reports*, **2016**, 6, 34341	4.9	23
202	Ethanol-mediated activation of the NLRP3 inflammasome in iPS cells and iPS cells-derived neural progenitor cells. *Molecular Brain*, **2016**, 9, 51	4.5	20
201	Gene expression in major depressive disorder. *Molecular Psychiatry*, **2016**, 21, 339-47	15.1	133
200	Targeted Re-Sequencing Approach of Candidate Genes Implicates Rare Potentially Functional Variants in Tourette Syndrome Etiology. *Frontiers in Neuroscience*, **2016**, 10, 428	5.1	17
199	Functional Evaluations of Genes Disrupted in Patients with Tourette Disorder. *Frontiers in Psychiatry*, **2016**, 7, 11	5	10
198	SIRT7 promotes genome integrity and modulates non-homologous end joining DNA repair. *EMBO Journal*, **2016**, 35, 1488-503	13	150
197	Persistent infection by HSV-1 is associated with changes in functional architecture of iPSC-derived neurons and brain activation patterns underlying working memory performance. *Schizophrenia Bulletin*, **2015**, 41, 123-32	1.3	36
196	Genetic and morphological features of human iPSC-derived neurons with chromosome 15q11.2 (BP1-BP2) deletions. *Molecular Neuropsychiatry*, **2015**, 1, 116-123	4.9	27

195	Are genetic variants for tobacco smoking associated with cannabis involvement?. *Drug and Alcohol Dependence*, **2015**, 150, 183-7	4.9	9
194	Association of substance dependence phenotypes in the COGA sample. *Addiction Biology*, **2015**, 20, 617-27	4.6	35
193	The Tourette International Collaborative Genetics (TIC Genetics) study, finding the genes causing Tourette syndrome: objectives and methods. *European Child and Adolescent Psychiatry*, **2015**, 24, 141-51	5.5	32
192	GDNF gene is associated with tourette syndrome in a family study. *Movement Disorders*, **2015**, 30, 1115-20	7	10
191	Positive Selection on Loci Associated with Drug and Alcohol Dependence. *PLoS ONE*, **2015**, 10, e0134393	3.7	4
190	Cross-disorder genome-wide analyses suggest a complex genetic relationship between Tourette's syndrome and OCD. *American Journal of Psychiatry*, **2015**, 172, 82-93	11.9	101
189	Sex differences in the human peripheral blood transcriptome. *BMC Genomics*, **2014**, 15, 33	4.5	97
188	Heritability and genomics of gene expression in peripheral blood. *Nature Genetics*, **2014**, 46, 430-7	36.3	258
187	Tumor resident mesenchymal stromal cells endow naïve stromal cells with tumor-promoting properties. *Oncogene*, **2014**, 33, 4016-20	9.2	22
186	Using genetic information from candidate gene and genome-wide association studies in risk prediction for alcohol dependence. *Addiction Biology*, **2014**, 19, 708-21	4.6	40
185	Novel cystine ester mimics for the treatment of cystinuria-induced urolithiasis in a knockout mouse model. *Urology*, **2014**, 84, 1249.e9-15	1.6	19
184	Ethanol treatment of lymphoblastoid cell lines from alcoholics and non-alcoholics causes many subtle changes in gene expression. *Alcohol*, **2014**, 48, 603-10	2.7	14
183	Multiple distinct CHRNB3-CHRNA6 variants are genetic risk factors for nicotine dependence in African Americans and European Americans. *Addiction*, **2014**, 109, 814-22	4.6	32
182	Oxidative stress preferentially induces a subtype of micronuclei and mediates the genomic instability caused by p53 dysfunction. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2014**, 770, 1-8	3.3	24
181	Copy number variation in obsessive-compulsive disorder and tourette syndrome: a cross-disorder study. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2014**, 53, 910-9	7.2	86
180	Genome-wide survival analysis of age at onset of alcohol dependence in extended high-risk COGA families. *Drug and Alcohol Dependence*, **2014**, 142, 56-62	4.9	21
179	Variants near CHRNB3-CHRNA6 are associated with DSM-5 cocaine use disorder: evidence for pleiotropy. *Scientific Reports*, **2014**, 4, 4497	4.9	9
178	Rare missense variants in CHRNB3 and CHRNA3 are associated with risk of alcohol and cocaine dependence. *Human Molecular Genetics*, **2014**, 23, 810-9	5.6	35

177	ERG and CHD1 heterogeneity in prostate cancer: use of confocal microscopy in assessment of microscopic foci. *Prostate*, **2014**, 74, 1551-9	4.2	12
176	Family-based association analysis of alcohol dependence criteria and severity. *Alcoholism: Clinical and Experimental Research*, **2014**, 38, 354-66	3.7	21
175	An ADH1B variant and peer drinking in progression to adolescent drinking milestones: evidence of a gene-by-environment interaction. *Alcoholism: Clinical and Experimental Research*, **2014**, 38, 2541-9	3.7	24
174	A meta-analysis of two genome-wide association studies to identify novel loci for maximum number of alcoholic drinks. *Human Genetics*, **2013**, 132, 1141-51	6.3	63
173	Genetic and neurophysiological correlates of the age of onset of alcohol use disorders in adolescents and young adults. *Behavior Genetics*, **2013**, 43, 386-401	3.2	17
172	Chromatin structure, pluripotency and differentiation. *Experimental Biology and Medicine*, **2013**, 238, 259-70	3.7	22
171	Genome-wide association study of Tourette syndrome. *Molecular Psychiatry*, **2013**, 18, 721-8	15.1	138
170	Genetic influences on craving for alcohol. *Addictive Behaviors*, **2013**, 38, 1501-1508	4.2	38
169	Stress-response pathways are altered in the hippocampus of chronic alcoholics. *Alcohol*, **2013**, 47, 505-15	2.7	67
168	Partitioning the heritability of Tourette syndrome and obsessive compulsive disorder reveals differences in genetic architecture. *PLoS Genetics*, **2013**, 9, e1003864	6	189
167	Rare missense neuronal cadherin gene (CDH2) variants in specific obsessive-compulsive disorder and Tourette disorder phenotypes. *European Journal of Human Genetics*, **2013**, 21, 850-4	5.3	32
166	The tumor suppressor SirT2 regulates cell cycle progression and genome stability by modulating the mitotic deposition of H4K20 methylation. *Genes and Development*, **2013**, 27, 639-53	12.6	195
165	Common biological networks underlie genetic risk for alcoholism in African- and European-American populations. *Genes, Brain and Behavior*, **2013**, 12, 532-42	3.6	19
164	A genome-wide association study of alcohol-dependence symptom counts in extended pedigrees identifies C15orf53. *Molecular Psychiatry*, **2013**, 18, 1218-24	15.1	59
163	Common and rare alleles of the serotonin transporter gene, SLC6A4, associated with Tourette disorder. *Movement Disorders*, **2013**, 28, 1263-70	7	38
162	Cis-regulatory variants affect CHRNA5 mRNA expression in populations of African and European ancestry. *PLoS ONE*, **2013**, 8, e80204	3.7	14
161	Dosage transmission disequilibrium test (dTDT) for linkage and association detection. *PLoS ONE*, **2013**, 8, e63526	3.7	
160	Family-based genome-wide association study of frontal oscillations identifies potassium channel gene KCNJ6. *Genes, Brain and Behavior*, **2012**, 11, 712-9	3.6	43

159	The abundance of Rad51 protein in mouse embryonic stem cells is regulated at multiple levels. *Stem Cell Research*, **2012**, 9, 124-34	1.6	18
158	A human cell-based reporter detects microhomology-mediated end joining. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2012**, 731, 140-4	3.3	2
157	Prdx1 deficiency in mice promotes tissue specific loss of heterozygosity mediated by deficiency in DNA repair and increased oxidative stress. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2012**, 735, 39-45	3.3	16
156	Genetic association of GABA-A receptor alpha-2 and mu opioid receptor with cocaine cue-reactivity: evidence for inhibitory synaptic neurotransmission involvement in cocaine dependence. *American Journal on Addictions*, **2012**, 21, 411-5	3.7	9
155	Copy number variations in 6q14.1 and 5q13.2 are associated with alcohol dependence. *Alcoholism: Clinical and Experimental Research*, **2012**, 36, 1512-8	3.7	16
154	CCR2-dependent recruitment of macrophages by tumor-educated mesenchymal stromal cells promotes tumor development and is mimicked by TNF *Cell Stem Cell*, **2012**, 11, 812-24	18	226
153	Rare copy number variants in tourette syndrome disrupt genes in histaminergic pathways and overlap with autism. *Biological Psychiatry*, **2012**, 71, 392-402	7.9	142
152	Methylome-wide comparison of human genomic DNA extracted from whole blood and from EBV-transformed lymphocyte cell lines. *European Journal of Human Genetics*, **2012**, 20, 953-5	5.3	25
151	A support vector regression based approach for predicting imputation quality. *BMC Proceedings*, **2012**, 6 Suppl 7, S3	2.3	1
150	ADH1B is associated with alcohol dependence and alcohol consumption in populations of European and African ancestry. *Molecular Psychiatry*, **2012**, 17, 445-50	15.1	160
149	Resveratrol protects mouse embryonic stem cells from ionizing radiation by accelerating recovery from DNA strand breakage. *Carcinogenesis*, **2012**, 33, 149-55	4.6	32
148	The aggregate effect of dopamine genes on dependence symptoms among cocaine users: cross-validation of a candidate system scoring approach. *Behavior Genetics*, **2012**, 42, 626-35	3.2	15
147	Variants located upstream of CHRNB4 on chromosome 15q25.1 are associated with age at onset of daily smoking and habitual smoking. *PLoS ONE*, **2012**, 7, e33513	3.7	22
146	The AVPR1A gene and substance use disorders: association, replication, and functional evidence. *Biological Psychiatry*, **2011**, 70, 519-27	7.9	39
145	Multiple recurrent de novo CNVs, including duplications of the 7q11.23 Williams syndrome region, are strongly associated with autism. *Neuron*, **2011**, 70, 863-85	13.9	932
144	Nonreplication of an association of SGIP1 SNPs with alcohol dependence and resting theta EEG power. *Psychiatric Genetics*, **2011**, 21, 265-6	2.9	4
143	A genome-wide association study of DSM-IV cannabis dependence. *Addiction Biology*, **2011**, 16, 514-8	4.6	58
142	Ionizing radiation is a potent inducer of mitotic recombination in mouse embryonic stem cells. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2011**, 715, 1-6	3.3	13

141	Mismatch and base excision repair proficiency in murine embryonic stem cells. *DNA Repair*, **2011**, 10, 445-51	4.3	26
140	Copy number variation accuracy in genome-wide association studies. *Human Heredity*, **2011**, 71, 141-7	1.1	12
139	New tools and methods for direct programmatic access to the dbSNP relational database. *Nucleic Acids Research*, **2011**, 39, D901-7	20.1	24
138	Homologous recombination conserves DNA sequence integrity throughout the cell cycle in embryonic stem cells. *Stem Cells and Development*, **2011**, 20, 363-74	4.4	50
137	Replication stress induces micronuclei comprising of aggregated DNA double-strand breaks. *PLoS ONE*, **2011**, 6, e18618	3.7	61
136	Obesity, smoking, and frontal brain dysfunction. *American Journal on Addictions*, **2010**, 19, 391-400	3.7	13
135	A new statistic to evaluate imputation reliability. *PLoS ONE*, **2010**, 5, e9697	3.7	47
134	SPOT: a web-based tool for using biological databases to prioritize SNPs after a genome-wide association study. *Nucleic Acids Research*, **2010**, 38, W201-9	20.1	48
133	L-histidine decarboxylase and Tourette's syndrome. *New England Journal of Medicine*, **2010**, 362, 1901-8	59.2	242
132	The novel mouse Polo-like kinase 5 responds to DNA damage and localizes in the nucleolus. *Nucleic Acids Research*, **2010**, 38, 2931-43	20.1	67
131	The Netherlands Twin Register biobank: a resource for genetic epidemiological studies. *Twin Research and Human Genetics*, **2010**, 13, 231-45	2.2	118
130	Mouse embryonic stem cells, but not somatic cells, predominantly use homologous recombination to repair double-strand DNA breaks. *Stem Cells and Development*, **2010**, 19, 1699-711	4.4	115
129	A genome-wide association study of alcohol dependence. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 5082-7	11.5	367
128	A systematic gene-based screen of chr4q22-q32 identifies association of a novel susceptibility gene, DKK2, with the quantitative trait of alcohol dependence symptom counts. *Human Molecular Genetics*, **2010**, 19, 2497-506	5.6	14
127	2,8-dihydroxyadenine nephrolithiasis induces developmental stage-specific alterations in gene expression in mouse kidney. *Urology*, **2010**, 75, 914-22	1.6	1
126	GABRR1 and GABRR2, encoding the GABA-A receptor subunits rho1 and rho2, are associated with alcohol dependence. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2010**, 153B, 418-427	3.5	33
125	Bladder outlet obstruction in male cystinuria mice. *International Urology and Nephrology*, **2010**, 42, 57-63	2.3	14
124	Small scale genetic alterations contribute to increased mutability at the X-linked Hprt locus in vivo in Blm hypomorphic mice. *DNA Repair*, **2010**, 9, 551-7	4.3	4

123	Evidence for genes on chromosome 2 contributing to alcohol dependence with conduct disorder and suicide attempts. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2010**, 153B, 1179-88	3.5	22
122	Brief report: interferon-gamma induces expansion of Lin(-)Sca-1(+)C-Kit(+) Cells. *Stem Cells*, **2010**, 28, 122-6	5.8	59
121	Genome-wide association study of alcohol dependence implicates a region on chromosome 11. *Alcoholism: Clinical and Experimental Research*, **2010**, 34, 840-52	3.7	248
120	Single-nucleotide polymorphisms in corticotropin releasing hormone receptor 1 gene (CRHR1) are associated with quantitative trait of event-related potential and alcohol dependence. *Alcoholism: Clinical and Experimental Research*, **2010**, 34, 988-96	3.7	58
119	Mutagenesis in vivo in T cells of p21-deficient mice. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2009**, 670, 103-6	3.3	2
118	Association of single nucleotide polymorphisms in a glutamate receptor gene (GRM8) with theta power of event-related oscillations and alcohol dependence. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2009**, 150B, 359-68	3.5	57
117	Genetic variation in the CHRNA5 gene affects mRNA levels and is associated with risk for alcohol dependence. *Molecular Psychiatry*, **2009**, 14, 501-10	15.1	179
116	The tachykinin receptor 3 is associated with alcohol and cocaine dependence. *Alcoholism: Clinical and Experimental Research*, **2008**, 32, 1023-30	3.7	39
115	Neuropeptide Y receptor genes are associated with alcohol dependence, alcohol withdrawal phenotypes, and cocaine dependence. *Alcoholism: Clinical and Experimental Research*, **2008**, 32, 2031-40	3.7	66
114	Association analysis of genes encoding the nociceptin receptor (OPRL1) and its endogenous ligand (PNOC) with alcohol or illicit drug dependence. *Addiction Biology*, **2008**, 13, 80-7	4.6	39
113	Role of the mismatch repair gene, Msh6, in suppressing genome instability and radiation-induced mutations. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2008**, 642, 74-9	3.3	5
112	A Systematic single nucleotide polymorphism screen to fine-map alcohol dependence genes on chromosome 7 identifies association with a novel susceptibility gene ACN9. *Biological Psychiatry*, **2008**, 63, 1047-53	7.9	38
111	A risk allele for nicotine dependence in CHRNA5 is a protective allele for cocaine dependence. *Biological Psychiatry*, **2008**, 64, 922-9	7.9	123
110	Variants in nicotinic receptors and risk for nicotine dependence. *American Journal of Psychiatry*, **2008**, 165, 1163-71	11.9	521
109	A regulatory variation in OPRK1, the gene encoding the kappa-opioid receptor, is associated with alcohol dependence. *Human Molecular Genetics*, **2008**, 17, 1783-9	5.6	55
108	Human DNA ligases I and III, but not ligase IV, are required for microhomology-mediated end joining of DNA double-strand breaks. *Nucleic Acids Research*, **2008**, 36, 3297-310	20.1	111
107	New Jersey Center for Tourette Syndrome sharing repository: methods and sample description. *BMC Medical Genomics*, **2008**, 1, 58	3.7	8
106	Association of NFKB1, which encodes a subunit of the transcription factor NF-kappaB, with alcohol dependence. *Human Molecular Genetics*, **2008**, 17, 963-70	5.6	72

105	Alcohol dependence with comorbid drug dependence: genetic and phenotypic associations suggest a more severe form of the disorder with stronger genetic contribution to risk. *Addiction*, **2007**, 102, 1131-9	4.6	74
104	Family-based association analyses of alcohol dependence phenotypes across DRD2 and neighboring gene ANKK1. *Alcoholism: Clinical and Experimental Research*, **2007**, 31, 1645-53	3.7	103
103	Lack of association of alcohol dependence and habitual smoking with catechol-O-methyltransferase. *Alcoholism: Clinical and Experimental Research*, **2007**, 31, 1773-9	3.7	36
102	X-rays induce distinct patterns of somatic mutation in fetal versus adult hematopoietic cells. *DNA Repair*, **2007**, 6, 1380-5	4.3	16
101	The breast cancer susceptibility allele CHEK2*1100delC promotes genomic instability in a knock-in mouse model. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2007**, 616, 201-9	3.3	17
100	Reduced apoptosis and increased deletion mutations at Aprt locus in vivo in mice exposed to repeated ionizing radiation. *Cancer Research*, **2007**, 67, 1910-7	10.1	18
99	DNA double-strand break repair in mouse embryonic stem cells. *FASEB Journal*, **2007**, 21, A230	0.9	
98	Expression profiling of crystal-induced injury in human kidney epithelial cells. *Nephron Physiology*, **2006**, 103, p53-62		10
97	Association of alcohol dehydrogenase genes with alcohol dependence: a comprehensive analysis. *Human Molecular Genetics*, **2006**, 15, 1539-49	5.6	199
96	Functional variant in a bitter-taste receptor (hTAS2R16) influences risk of alcohol dependence. *American Journal of Human Genetics*, **2006**, 78, 103-11	11	129
95	Association of the kappa-opioid system with alcohol dependence. *Molecular Psychiatry*, **2006**, 11, 1016-24	15.1	144
94	Endophenotypes successfully lead to gene identification: results from the collaborative study on the genetics of alcoholism. *Behavior Genetics*, **2006**, 36, 112-26	3.2	123
93	Cognitive traits link to human chromosomal regions. *Behavior Genetics*, **2006**, 36, 65-76	3.2	26
92	The role of GABRA2 in risk for conduct disorder and alcohol and drug dependence across developmental stages. *Behavior Genetics*, **2006**, 36, 577-90	3.2	197
91	A cholinergic receptor gene (CHRM2) affects event-related oscillations. *Behavior Genetics*, **2006**, 36, 627-39	3.2	58
90	Aprt/Opn double knockout mice: osteopontin is a modifier of kidney stone disease severity. *Kidney International*, **2005**, 68, 938-47	9.9	16
89	Description of the data from the Collaborative Study on the Genetics of Alcoholism (COGA) and single-nucleotide polymorphism genotyping for Genetic Analysis Workshop 14. *BMC Genetics*, **2005**, 6 Suppl 1, S2	2.6	64
88	Modulation of DNA end joining by nuclear proteins. *Journal of Biological Chemistry*, **2005**, 280, 31442-9	5.4	51

87	Evidence of common and specific genetic effects: association of the muscarinic acetylcholine receptor M2 (CHRM2) gene with alcohol dependence and major depressive syndrome. *Human Molecular Genetics*, **2004**, 13, 1903-11	5.6	228
86	Setting priorities for genomic research. *Science*, **2004**, 304, 1445-7; author reply 1445-7	33.3	17
85	Mlh1 mediates tissue-specific regulation of mitotic recombination. *Oncogene*, **2004**, 23, 9017-24	9.2	22
84	Linkage and linkage disequilibrium of evoked EEG oscillations with CHRM2 receptor gene polymorphisms: implications for human brain dynamics and cognition. *International Journal of Psychophysiology*, **2004**, 53, 75-90	2.9	118
83	Impaired expression of an organic cation transporter, IMPT1, in a knockout mouse model for kidney stone disease. *Urological Research*, **2003**, 31, 257-61		10
82	Radiation-induced genetic instability in vivo depends on p53 status. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2002**, 502, 69-80	3.3	35
81	Loss of heterozygosity and point mutation at Aprt locus in T cells and fibroblasts of Pms2-/- mice. *Oncogene*, **2002**, 21, 2840-5	9.2	23
80	Linkage disequilibrium between the beta frequency of the human EEG and a GABAA receptor gene locus. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 3729-33	11.5	246
79	Groups IV, V, and X phospholipases A2s in human neutrophils: role in eicosanoid production and gram-negative bacterial phospholipid hydrolysis. *Journal of Biological Chemistry*, **2002**, 277, 5061-73	5.4	154
78	Embryonic stem cells and somatic cells differ in mutation frequency and type. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 3586-90	11.5	253
77	Induction of alpha-catenin, integrin alpha3, integrin beta6, and PDGF-B by 2,8-dihydroxyadenine crystals in cultured kidney epithelial cells. *Nephron Experimental Nephrology*, **2002**, 10, 365-73		7
76	Gender- and age-dependent changes in kidney androgen protein mRNA expression in a knockout mouse model for nephrolithiasis. *Journal of Histochemistry and Cytochemistry*, **2002**, 50, 1663-9	3.4	3
75	Defining alcohol-related phenotypes in humans. The Collaborative Study on the Genetics of Alcoholism. *Alcohol Research*, **2002**, 26, 208-13		32
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73	Mitotic recombination is suppressed by chromosomal divergence in hybrids of distantly related mouse strains. *Nature Genetics*, **2001**, 28, 169-72	36.3	51
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