Jay Arnold Tischfield

List of Publications by Year
in descending order

257	19,347	13865 67	13771 129
papers	citations	h-index	g-index

268	268	268	21736
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiple Recurrent De Novo CNVs, Including Duplications of the 7q11.23 Williams Syndrome Region, Are Strongly Associated with Autism. Neuron, 2011, 70, 863-885.	8.1	1,146
2	Single-nucleotide polymorphism in the human mu opioid receptor gene alters Î²-endorphin binding and activity: Possible implications for opiate addiction. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 9608-9613.	7.1	1,075
3	Mutations in the proteolytic enzyme calpain 3 cause limb-girdle muscular dystrophy type 2A. Cell, 1995, 81, 27-40.	28.9	922
4	Genome-wide search for genes affecting the risk for alcohol dependence. American Journal of Medical Genetics Part A, 1998, 81, 207-215.	2.4	625
5	Variants in Nicotinic Receptors and Risk for Nicotine Dependence. American Journal of Psychiatry, 2008, 165, 1163-1171.	7.2	584
6	A genome-wide association study of alcohol dependence. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5082-5087.	7.1	418
7	Heritability and genomics of gene expression in peripheral blood. Nature Genetics, 2014, 46, 430-437.	21.4	370
8	The Functions of Five Distinct Mammalian Phospholipase A2s in Regulating Arachidonic Acid Release. Journal of Biological Chemistry, 1998, 273, 14411-14423.	3.4	352
9	L-Histidine Decarboxylase and Tourette's Syndrome. New England Journal of Medicine, 2010, 362, 1901-1908.	27.0	304
10	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, 3586-3590.	7.1	291
11	Linkage disequilibrium between the beta frequency of the human EEG and a GABA _A receptor gene locus. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3729-3733.	7.1	288
12	CCR2-Dependent Recruitment of Macrophages by Tumor-Educated Mesenchymal Stromal Cells Promotes Tumor Development and Is Mimicked by TNFÎ±. Cell Stem Cell, 2012, 11, 812-824.	11.1	284
13	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, 1903-1911.	2.9	281
14	Genomeâ€Wide Association Study of Alcohol Dependence Implicates a Region on Chromosome 11. Alcoholism: Clinical and Experimental Research, 2010, 34, 840-852.	2.4	274
15	A Reassessment of the Low Molecular Weight Phospholipase A2 Gene Family in Mammals. Journal of Biological Chemistry, 1997, 272, 17247-17250.	3.4	271
16	Interrogating the Genetic Determinants of Touretteâ€™s Syndrome and Other Tic Disorders Through Genome-Wide Association Studies. American Journal of Psychiatry, 2019, 176, 217-227.	7.2	242
17	Partitioning the Heritability of Tourette Syndrome and Obsessive Compulsive Disorder Reveals Differences in Genetic Architecture. PLoS Genetics, 2013, 9, e1003864.	3.5	241
18	Association of alcohol dehydrogenase genes with alcohol dependence: a comprehensive analysis. Human Molecular Genetics, 2006, 15, 1539-1549.	2.9	239

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19	The tumor suppressor SirT2 regulates cell cycle progression and genome stability by modulating the mitotic deposition of H4K20 methylation. Genes and Development, 2013, 27, 639-653.	5.9	232
20	The Role of GABRA2 in Risk for Conduct Disorder and Alcohol and Drug Dependence across Developmental Stages. Behavior Genetics, 2006, 36, 577-590.	2.1	222
21	Novel Group V Phospholipase A2 Involved in Arachidonic Acid Mobilization in Murine P388D1 Macrophages. Journal of Biological Chemistry, 1996, 271, 32381-32384.	3.4	221
22	<scp>SIRT</scp> 7 promotes genome integrity and modulates nonâ€homologous end joining <scp>DNA</scp> repair. EMBO Journal, 2016, 35, 1488-1503.	7.8	211
23	ADH1B is associated with alcohol dependence and alcohol consumption in populations of European and African ancestry. Molecular Psychiatry, 2012, 17, 445-450.	7.9	197
24	Genetic variation in the CHRNA5 gene affects mRNA levels and is associated with risk for alcohol dependence. Molecular Psychiatry, 2009, 14, 501-510.	7.9	196
25	Gene expression in major depressive disorder. Molecular Psychiatry, 2016, 21, 339-347.	7.9	178
26	Rare Copy Number Variants in Tourette Syndrome Disrupt Genes in Histaminergic Pathways and Overlap with Autism. Biological Psychiatry, 2012, 71, 392-402.	1.3	167
27	Altered Hematopoiesis, Behavior, and Sexual Function in Î¼ Opioid Receptorâ€“deficient Mice. Journal of Experimental Medicine, 1997, 185, 1517-1522.	8.5	166
28	Association of the Î¼-opioid system with alcohol dependence. Molecular Psychiatry, 2006, 11, 1016-1024.	7.9	166
29	Groups IV, V, and X Phospholipases A2s in Human Neutrophils. Journal of Biological Chemistry, 2002, 277, 5061-5073.	3.4	164
30	Genome-wide association study of Tourette's syndrome. Molecular Psychiatry, 2013, 18, 721-728.	7.9	161
31	Nucleotide sequence and organization of the mouse adenine phosphoribosyltransferase gene: presence of a coding region common to animal and bacterial phosphoribosyltransferases that has a variable intron/exon arrangement.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 2731-2735.	7.1	160
32	Analysis of the Secretory Phospholipase A2 That Mediates Prostaglandin Production in Mast Cells. Journal of Biological Chemistry, 1997, 272, 13591-13596.	3.4	158
33	Functional Variant in a Bitter-Taste Receptor (hTAS2R16) Influences Risk of Alcohol Dependence. American Journal of Human Genetics, 2006, 78, 103-111.	6.2	155
34	De Novo Coding Variants Are Strongly Associated with Tourette Disorder. Neuron, 2017, 94, 486-499.e9.	8.1	155
35	Endophenotypes Successfully Lead to Gene Identification: Results from the Collaborative Study on the Genetics of Alcoholism. Behavior Genetics, 2006, 36, 112-126.	2.1	150
36	Human chromosomes 6 and 21 are required for sensitivity to human interferon gamma.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 4151-4155.	7.1	149

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37	The Netherlands Twin Register Biobank: A Resource for Genetic Epidemiological Studies. Twin Research and Human Genetics, 2010, 13, 231-245.	0.6	141
38	Mouse Embryonic Stem Cells, but Not Somatic Cells, Predominantly Use Homologous Recombination to Repair Double-Strand DNA Breaks. Stem Cells and Development, 2010, 19, 1699-1711.	2.1	139
39	A Risk Allele for Nicotine Dependence in CHRNA5 Is a Protective Allele for Cocaine Dependence. Biological Psychiatry, 2008, 64, 922-929.	1.3	138
40	Multivariate analysis of 1.5 million people identifies genetic associations with traits related to self-regulation and addiction. Nature Neuroscience, 2021, 24, 1367-1376.	14.8	137
41	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.	2.9	134
42	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.	1.0	132
43	Sex differences in the human peripheral blood transcriptome. BMC Genomics, 2014, 15, 33.	2.8	131
44	Biomanufacturing for clinically advanced cell therapies. Nature Biomedical Engineering, 2018, 2, 362-376.	22.5	127
45	Mitotic recombination produces the majority of recessive fibroblast variants in heterozygous mice. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9230-9235.	7.1	125
46	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, 3297-3310.	14.5	124
47	Cross-Disorder Genome-Wide Analyses Suggest a Complex Genetic Relationship Between Touretteâ€™s Syndrome and OCD. American Journal of Psychiatry, 2015, 172, 82-93.	7.2	117
48	Familyâ€Based Association Analyses of Alcohol Dependence Phenotypes Across DRD2 and Neighboring Gene ANKK1. Alcoholism: Clinical and Experimental Research, 2007, 31, 1645-1653.	2.4	113
49	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, 910-919.	0.5	111
50	Loss of Heterozygosity or: How I Learned to Stop Worrying and Love Mitotic Recombination. American Journal of Human Genetics, 1997, 61, 995-999.	6.2	109
51	A Family-Based Analysis of the Association of the Dopamine D2 Receptor (DRD2) with Alcoholism. Alcoholism: Clinical and Experimental Research, 1998, 22, 505-512.	2.4	104
52	Stressâ€“response pathways are altered in the hippocampus of chronic alcoholics. Alcohol, 2013, 47, 505-515.	1.7	104
53	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, 1131-1139.	3.3	100
54	Low-Molecular-Weight, Calcium-Dependent Phospholipase A2Genes Are Linked and Map to Homologous Chromosome Regions in Mouse and Human. Genomics, 1996, 32, 328-333.	2.9	99

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55	Comparative anatomy of the human APRT gene and enzyme: nucleotide sequence divergence and conservation of a nonrandom CpG dinucleotide arrangement.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 3349-3353.	7.1	98
56	A Family-Based Analysis of Whether the Functional Promoter Alleles of the Serotonin Transporter Gene HTT Affect the Risk for Alcohol Dependence. Alcoholism: Clinical and Experimental Research, 1998, 22, 1080-1085.	2.4	95
57	A genome-wide association study of DSM-IV cannabis dependence. Addiction Biology, 2011, 16, 514-518.	2.6	94
58	A meta-analysis of two genome-wide association studies to identify novel loci for maximum number of alcoholic drinks. Human Genetics, 2013, 132, 1141-1151.	3.8	91
59	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.	6.4	91
60	Association of NFKB1, which encodes a subunit of the transcription factor NF-ÂB, with alcohol dependence. Human Molecular Genetics, 2007, 17, 963-970.	2.9	82
61	Assignment of a Gene for Adenosine Deaminase to Human Chromosome 20. Human Heredity, 1974, 24, 1-11.	0.8	81
62	A genome-wide association study of alcohol-dependence symptom counts in extended pedigrees identifies C15orf53. Molecular Psychiatry, 2013, 18, 1218-1224.	7.9	78
63	Neuropeptide Y Receptor Genes Are Associated With Alcohol Dependence, Alcohol Withdrawal Phenotypes, and Cocaine Dependence. Alcoholism: Clinical and Experimental Research, 2008, 32, 2031-2040.	2.4	76
64	The novel mouse Polo-like kinase 5 responds to DNA damage and localizes in the nucleolus. Nucleic Acids Research, 2010, 38, 2931-2943.	14.5	73
65	Polygenic Scores for Major Depressive Disorder and Risk of Alcohol Dependence. JAMA Psychiatry, 2017, 74, 1153.	11.0	73
66	Replication Stress Induces Micronuclei Comprising of Aggregated DNA Double-Strand Breaks. PLoS ONE, 2011, 6, e18618.	2.5	72
67	A new electrophoretic-autoradiographic method for the visual detection of phosphotransferases. Analytical Biochemistry, 1973, 53, 545-554.	2.4	70
68	Chromosome instability contributes to loss of heterozygosity in mice lacking p53. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 7405-7410.	7.1	70
69	Brief Report: Interferon-Î³ Induces Expansion of Linâ"Sca-1+C-Kit+ Cells Â. Stem Cells, 2010, 28, 122-126.	3.2	69
70	Singleâ€Nucleotide Polymorphisms in Corticotropin Releasing Hormone Receptor 1 Gene (CRHR1) Are Associated With Quantitative Trait of Eventâ€Related Potential and Alcohol Dependence. Alcoholism: Clinical and Experimental Research, 2010, 34, 988-996.	2.4	68
71	A New Statistic to Evaluate Imputation Reliability. PLoS ONE, 2010, 5, e9697.	2.5	68
72	A regulatory variation in OPRK1, the gene encoding the Â-opioid receptor, is associated with alcohol dependence. Human Molecular Genetics, 2008, 17, 1783-1789.	2.9	67

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73	Genetic influences on craving for alcohol. Addictive Behaviors, 2013, 38, 1501-1508.	3.0	67
74	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, S2.	2.7	66
75	Analysis of whole genome-transcriptomic organization in brain to identify genes associated with alcoholism. Translational Psychiatry, 2019, 9, 89.	4.8	66
76	Modulation of DNA End Joining by Nuclear Proteins. Journal of Biological Chemistry, 2005, 280, 31442-31449.	3.4	65
77	A Cholinergic Receptor Gene (CHRM2) Affects Event-related Oscillations. Behavior Genetics, 2006, 36, 627-639.	2.1	64
78	Association of single nucleotide polymorphisms in a glutamate receptor gene (GRM8) with theta power of eventâ€related oscillations and alcohol dependence. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 359-368.	1.7	64
79	HPRT-APRT-deficient mice are not a model for lesch-nyhan syndrome. Human Molecular Genetics, 1996, 5, 1607-1610.	2.9	63
80	Linkage of an Alcoholism-Related Severity Phenotype to Chromosome 16. Alcoholism: Clinical and Experimental Research, 1998, 22, 2035-2042.	2.4	63
81	Chromosome assignments of genes in man using mouse-human somatic cell hybrids: Mitochondrial superoxide dismutase (indophenol oxidase-B, tetrameric) to chromosome 6. Human Genetics, 1973, 20, 203-209.	3.8	60
82	Mitotic recombination is suppressed by chromosomal divergence in hybrids of distantly related mouse strains. Nature Genetics, 2001, 28, 169-172.	21.4	60
83	Homologous Recombination Conserves DNA Sequence Integrity Throughout the Cell Cycle in Embryonic Stem Cells. Stem Cells and Development, 2011, 20, 363-374.	2.1	58
84	SPOT: a web-based tool for using biological databases to prioritize SNPs after a genome-wide association study. Nucleic Acids Research, 2010, 38, W201-W209.	14.5	57
85	Cystinuria: genetic aspects, mouse models, and a new approach to therapy. Urolithiasis, 2019, 47, 57-66.	2.0	57
86	Genomeâ€wide association studies of alcohol dependence, DSMâ€IV criterion count and individual criteria. Genes, Brain and Behavior, 2019, 18, e12579.	2.2	56
87	Other transgenic mutation assays:APRT: A versatile in vivo resident reporter of local mutation and loss of heterozygosity. , 1996, 28, 471-482.		55
88	SIRT7 mediates L1 elements transcriptional repression and their association with the nuclear lamina. Nucleic Acids Research, 2019, 47, 7870-7885.	14.5	55
89	Familyâ€based genomeâ€wide association study of frontal theta oscillations identifies potassium channel gene KCNJ6. Genes, Brain and Behavior, 2012, 11, 712-719.	2.2	51
90	Î±-Lipoic acid treatment prevents cystine urolithiasis in a mouse model of cystinuria. Nature Medicine, 2017, 23, 288-290.	30.7	50

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91	The Tachykinin Receptor 3 Is Associated With Alcohol and Cocaine Dependence. Alcoholism: Clinical and Experimental Research, 2008, 32, 1023-1030.	2.4	48
92	Cloning, expression and partial characterization of a novel rat phospholipase A2. Lipids and Lipid Metabolism, 1994, 1215, 115-120.	2.6	47
93	Using genetic information from candidate gene and genomeâ€wide association studies in risk prediction for alcohol dependence. Addiction Biology, 2014, 19, 708-721.	2.6	47
94	Polymerase chain reaction amplification and sequence analysis of human mutant adenine phosphoribosyltransferase genes: The nature and frequency of errors caused by Taq DNA polymerase. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 249, 169-176.	1.0	46
95	Association of substance dependence phenotypes in the COGA sample. Addiction Biology, 2015, 20, 617-627.	2.6	46
96	The AVPR1A Gene and Substance Use Disorders: Association, Replication, and Functional Evidence. Biological Psychiatry, 2011, 70, 519-527.	1.3	45
97	Genomeâ€wide search for genes affecting the risk for alcohol dependence. American Journal of Medical Genetics Part A, 1998, 81, 207-215.	2.4	45
98	Cloning of a functional human adenine phosphoribosyltransferase (APRT) gene: Identification of a restriction fragment length polymorphism and preliminary analysis of DNAs from APRT-deficient families and cell mutants. Somatic Cell and Molecular Genetics, 1984, 10, 359-367.	0.7	44
99	Common and rare alleles of the serotonin transporter gene, SLC6A4, associated with Tourette's disorder. Movement Disorders, 2013, 28, 1263-1270.	3.9	44
100	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, 123-132.	4.3	44
101	Lack of Association of Alcohol Dependence and Habitual Smoking With Catechol-O-methyltransferase. Alcoholism: Clinical and Experimental Research, 2007, 31, 1773-1779.	2.4	43
102	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.	2.8	43
103	Radiation-induced genetic instability in vivo depends on p53 status. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2002, 502, 69-80.	1.0	42
104	HUMAN GENETIC STUDY: Association analysis of genes encoding the nociceptin receptor (OPRL1) and its endogenous ligand (PNOC) with alcohol or illicit drug dependence. Addiction Biology, 2008, 13, 80-87.	2.6	42
105	GABRR1 and GABRR2, encoding the GABAâ€A receptor subunits Ï1 and Ï2, are associated with alcohol dependence. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 418-427.	1.7	42
106	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, 1047-1053.	1.3	41
107	The Tourette International Collaborative Genetics (TIC Genetics) study, finding the genes causing Tourette syndrome: objectives and methods. European Child and Adolescent Psychiatry, 2015, 24, 141-151.	4.7	41
108	Appearance of hypoxanthine guanine phosphoribosyltransferase activity as a consequence of mycoplasma contamination. Nature, 1975, 256, 329-331.	27.8	39

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109	Resveratrol protects mouse embryonic stem cells from ionizing radiation by accelerating recovery from DNA strand breakage. Carcinogenesis, 2012, 33, 149-155.	2.8	39
110	Rare missense variants in CHRNB3 and CHRNA3 are associated with risk of alcohol and cocaine dependence. Human Molecular Genetics, 2014, 23, 810-819.	2.9	39
111	Rare missense neuronal cadherin gene (CDH2) variants in specific obsessive-compulsive disorder and Tourette disorder phenotypes. European Journal of Human Genetics, 2013, 21, 850-854.	2.8	38
112	A new location for the human adenine phosphoribosyltransferase gene (APRT) distal to the haptoglobin (HP) and fra(16)(q23) (FRAUD) loci. Cytogenetic and Genome Research, 1986, 43, 10-13.	1.1	36
113	Mismatch and base excision repair proficiency in murine embryonic stem cells. DNA Repair, 2011, 10, 445-451.	2.8	36
114	Tumor resident mesenchymal stromal cells endow naÃ¯ve stromal cells with tumor-promoting properties. Oncogene, 2014, 33, 4016-4020.	5.9	36
115	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, 126-135.	3.1	36
116	Localization of group IIc low molecular weight phospholipase A2 mRNA to meiotic cells in the mouse. , 1997, 64, 369-375.		35
117	Cloning and expression of a mouse adenine phosphoribosyltransferase gene. Gene, 1983, 22, 219-228.	2.2	34
118	Multiple distinct CHRNB3-CHRNA6 variants are genetic risk factors for nicotine dependence in African Americans and European Americans. Addiction, 2014, 109, 814-822.	3.3	34
119	Multi-omics integration analysis identifies novel genes for alcoholism with potential overlap with neurodegenerative diseases. Nature Communications, 2021, 12, 5071.	12.8	34
120	Defining alcohol-related phenotypes in humans. The Collaborative Study on the Genetics of Alcoholism. Alcohol Research, 2002, 26, 208-13.	1.0	34
121	Chronic renal failure in a mouse model of human adenine phosphoribosyltransferase deficiency. American Journal of Physiology - Renal Physiology, 1998, 275, F154-F163.	2.7	33
122	SirT7 auto-ADP-ribosylation regulates glucose starvation response through mH2A1. Science Advances, 2020, 6, eaaz2590.	10.3	33
123	In vivo loss of heterozygosity in T-cells of B6C3F1Aprt+/? mice. Environmental and Molecular Mutagenesis, 2000, 35, 150-157.	2.2	32
124	An <scp>ADH</scp>1B Variant and Peer Drinking in Progression to Adolescent Drinking Milestones: Evidence of a Geneâ€byâ€Environment Interaction. Alcoholism: Clinical and Experimental Research, 2014, 38, 2541-2549.	2.4	32
125	Genetic and Morphological Features of Human iPSC-Derived Neurons with Chromosome 15q11.2 (BP1-BP2) Deletions. Molecular Neuropsychiatry, 2015, 1, 116-123.	2.9	32
126	Increased nicotine response in iPSC-derived human neurons carrying the CHRNA5 N398 allele. Scientific Reports, 2016, 6, 34341.	3.3	32

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127	A radioimmune assay for human cupro-zinc superoxide dismutase and its application to erythrocytes. Journal of Immunological Methods, 1979, 29, 253-262.	1.4	31
128	Identification of DNA sequences required for mouse APRT gene expression. Nucleic Acids Research, 1988, 16, 8509-8524.	14.5	31
129	Genetic heterogeneity of autosomal recessive limbgirdle muscular dystrophy in a genetic isolate (Amish) and evidence for a new locus. Human Molecular Genetics, 1995, 4, 459-463.	2.9	31
130	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.	1.0	31
131	Synaptic processes and immune-related pathways implicated in Tourette syndrome. Translational Psychiatry, 2021, 11, 56.	4.8	31
132	Evolution of the <scp>SARSâ€CoV</scp>â€2 proteome in three dimensions (3D) during the first 6 months of the <scp>COVID</scp>â€19 pandemic. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1054-1080.	2.6	31
133	Cognitive Traits Link to Human Chromosomal Regions. Behavior Genetics, 2006, 36, 65-76.	2.1	30
134	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, 1179-1188.	1.7	30
135	Ethanol-mediated activation of the NLRP3 inflammasome in iPS cells and iPS cells-derived neural progenitor cells. Molecular Brain, 2016, 9, 51.	2.6	30
136	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.	1.3	30
137	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.	3.2	29
138	Targeted Re-Sequencing Approach of Candidate Genes Implicates Rare Potentially Functional Variants in Tourette Syndrome Etiology. Frontiers in Neuroscience, 2016, 10, 428.	2.8	29
139	Addiction associated N40D mu-opioid receptor variant modulates synaptic function in human neurons. Molecular Psychiatry, 2020, 25, 1406-1419.	7.9	29
140	Single-base deletion induced by benzo[a]pyrene diol epoxide at the adenine phosphoribosyltransferase locus in human fibrosarcoma cell lines. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1994, 321, 73-79.	1.2	28
141	Somatic recombination redux. Nature Genetics, 2003, 33, 5-6.	21.4	28
142	Family-Based Association Analysis of Alcohol Dependence Criteria and Severity. Alcoholism: Clinical and Experimental Research, 2014, 38, 354-366.	2.4	27
143	Allele-specific expression and high-throughput reporter assay reveal functional genetic variants associated with alcohol use disorders. Molecular Psychiatry, 2021, 26, 1142-1151.	7.9	26
144	New tools and methods for direct programmatic access to the dbSNP relational database. Nucleic Acids Research, 2011, 39, D901-D907.	14.5	25

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145	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, 953-955.	2.8	25
146	Altered gene expression in kidneys of mice with 2,8-dihydroxyadenine nephrolithiasis. Kidney International, 2000, 58, 528-536.	5.2	24
147	Sequential analysis of kidney stone formation in the Aprt knockout mouse. Kidney International, 2001, 60, 910-923.	5.2	24
148	Chromatin structure, pluripotency and differentiation. Experimental Biology and Medicine, 2013, 238, 259-270.	2.4	24
149	hsa-let-7c miRNA Regulates Synaptic and Neuronal Function in Human Neurons. Frontiers in Synaptic Neuroscience, 2018, 10, 19.	2.5	24
150	Exploring the relationship between polygenic risk for cannabis use, peer cannabis use and the longitudinal course of cannabis involvement. Addiction, 2019, 114, 687-697.	3.3	24
151	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.	2.5	24
152	Comparative effects of adenine analogs upon metabolic cooperation between Chinese hamster cells with different levels of adenine phosphoribosyltransferase activity. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1978, 49, 83-94.	1.0	23
153	Loss of heterozygosity and point mutation at Aprt locus in T cells and fibroblasts of Pms2â^'/â^' mice. Oncogene, 2002, 21, 2840-2845.	5.9	23
154	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.	3.2	23
155	Mutational Basis of Adenine Phosphoribosyltransferase Deficiency. Advances in Experimental Medicine and Biology, 1991, 309B, 73-76.	1.6	23
156	Mlh1 mediates tissue-specific regulation of mitotic recombination. Oncogene, 2004, 23, 9017-9024.	5.9	22
157	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, 201-209.	1.0	22
158	The abundance of Rad51 protein in mouse embryonic stem cells is regulated at multiple levels. Stem Cell Research, 2012, 9, 124-134.	0.7	22
159	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.	1.0	22
160	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.	4.0	22
161	Analysis of germline and in vivo somatic mutations in the human adenine phosphoribosyltransferase gene: Mutational hot spots at the intron 4 splice donor site and at codon 87. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1993, 287, 217-225.	1.0	21
162	Aprt/Opn double knockout mice: Osteopontin is a modifier of kidney stone disease severity. Kidney International, 2005, 68, 938-947.	5.2	21

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