

Abraham A Palmer

List of Publications by Year in Descending Order

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

218
papers

8,850
citations

48
h-index

87
g-index

264
ext. papers

11,343
ext. citations

6.4
avg, IF

5.93
L-index

#	Paper	IF	Citations
218	Polygenic transcriptome risk scores (PTRS) can improve portability of polygenic risk scores across ancestries.. <i>Genome Biology</i> , 2022 , 23, 23	18.3	3
217	Evaluation of delay discounting as a transdiagnostic research domain criteria indicator in 1388 general community adults.. <i>Psychological Medicine</i> , 2022 , 1-9	6.9	2
216	Genome-Wide Association Study on Three Behaviors Tested in an Open Field in Heterogeneous Stock Rats Identifies Multiple Loci Implicated in Psychiatric Disorders.. <i>Frontiers in Psychiatry</i> , 2022 , 13, 790566	5	0
215	SNPs, short tandem repeats, and structural variants are responsible for differential gene expression across C57BL/6 and C57BL/10 substrains. <i>Cell Genomics</i> , 2022 , 2, 100102		0
214	A mutant allele of glycoprotein M6-B (Gpm6b) facilitates behavioral flexibility but increases delay discounting.. <i>Genes, Brain and Behavior</i> , 2022 , e12800	3.6	
213	Leptin Protects Against the Development and Expression of Cocaine Addiction-Like Behavior in Heterogeneous Stock Rats.. <i>Frontiers in Behavioral Neuroscience</i> , 2022 , 16, 832899	3.5	0
212	A natural mutator allele shapes mutation spectrum variation in mice.. <i>Nature</i> , 2022 , 605, 497-502	50.4	1
211	The Cocaine and Oxycodone Biobanks, Two Repositories from Genetically Diverse and Behaviorally Characterized Rats for the Study of Addiction. <i>ENeuro</i> , 2021 , 8,	3.9	3
210	Item-Level Genome-Wide Association Study of the Alcohol Use Disorders Identification Test in Three Population-Based Cohorts. <i>American Journal of Psychiatry</i> , 2021 , appiajp202020091390	11.9	7
209	Integration of evidence across human and model organism studies: A meeting report. <i>Genes, Brain and Behavior</i> , 2021 , 20, e12738	3.6	1
208	Mapping Pathways by Which Genetic Risk Influences Adolescent Externalizing Behavior: The Interplay Between Externalizing Polygenic Risk Scores, Parental Knowledge, and Peer Substance Use. <i>Behavior Genetics</i> , 2021 , 51, 543-558	3.2	1
207	Functional validation of a finding from a mouse genome-wide association study shows that Azi2 influences the acute locomotor simulant response to methamphetamine. <i>Genes, Brain and Behavior</i> , 2021 , 20, e12760	3.6	1
206	Genetic risk for major depressive disorder and loneliness in sex-specific associations with coronary artery disease. <i>Molecular Psychiatry</i> , 2021 , 26, 4254-4264	15.1	9
205	Polygenic contributions to alcohol use and alcohol use disorders across population-based and clinically ascertained samples. <i>Psychological Medicine</i> , 2021 , 51, 1147-1156	6.9	5
204	Genetic and Pharmacological Manipulations of Glyoxalase 1 Mediate Ethanol Withdrawal Seizure Susceptibility in Mice. <i>Brain Sciences</i> , 2021 , 11,	3.4	1
203	Dissecting indirect genetic effects from peers in laboratory mice. <i>Genome Biology</i> , 2021 , 22, 216	18.3	0
202	Multivariate analysis of 1.5 million people identifies genetic associations with traits related to self-regulation and addiction. <i>Nature Neuroscience</i> , 2021 , 24, 1367-1376	25.5	10

201	Sensitivity to food and cocaine cues are independent traits in a large sample of heterogeneous stock rats. <i>Scientific Reports</i> , 2021 , 11, 2223	4.9	4
200	Adapting Genotyping-by-Sequencing and Variant Calling for Heterogeneous Stock Rats. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 2195-2205	3.2	5
199	Emerging phenotyping strategies will advance our understanding of psychiatric genetics. <i>Nature Neuroscience</i> , 2020 , 23, 475-480	25.5	14
198	Nociceptin attenuates the escalation of oxycodone self-administration by normalizing CeA-GABA transmission in highly addicted rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 2140-2148	11.5	15
197	Steep Discounting of Future Rewards as an Impulsivity Phenotype: A Concise Review. <i>Current Topics in Behavioral Neurosciences</i> , 2020 , 47, 113-138	3.4	7
196	Modeling epistasis in mice and yeast using the proportion of two or more distinct genetic backgrounds: Evidence for "polygenic epistasis". <i>PLoS Genetics</i> , 2020 , 16, e1009165	6	2
195	Multidimensional latent structure of risk-related phenotypes in healthy young adults. <i>Experimental and Clinical Psychopharmacology</i> , 2020 , 28, 55-64	3.2	2
194	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
193	Assessing the motivational effects of ethanol in mice using a discrete-trial current-intensity intracranial self-stimulation procedure. <i>Drug and Alcohol Dependence</i> , 2020 , 207, 107806	4.9	0
192	Genome-Wide Association Study in Two Cohorts from a Multi-generational Mouse Advanced Intercross Line Highlights the Difficulty of Replication Due to Study-Specific Heterogeneity. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 951-965	3.2	3
191	Content and Performance of the MiniMUGA Genotyping Array: A New Tool To Improve Rigor and Reproducibility in Mouse Research. <i>Genetics</i> , 2020 , 216, 905-930	4	17
190	A large-scale genome-wide association study meta-analysis of cannabis use disorder. <i>Lancet Psychiatry</i> , 2020 , 7, 1032-1045	23.3	43
189	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. <i>EBioMedicine</i> , 2020 , 55, 102769	8.8	11
188	The Latent Genetic Structure of Impulsivity and Its Relation to Internalizing Psychopathology. <i>Psychological Science</i> , 2020 , 31, 1025-1035	7.9	7
187	ACNP efforts toward reducing climate change. <i>Neuropsychopharmacology</i> , 2020 , 45, 2137-2138	8.7	
186	Genome-Wide Association Study in 3,173 Outbred Rats Identifies Multiple Loci for Body Weight, Adiposity, and Fasting Glucose. <i>Obesity</i> , 2020 , 28, 1964-1973	8	14
185	Recent Efforts to Dissect the Genetic Basis of Alcohol Use and Abuse. <i>Biological Psychiatry</i> , 2020 , 87, 609-618	7.9	28
184	Phenome-wide investigation of health outcomes associated with genetic predisposition to loneliness. <i>Human Molecular Genetics</i> , 2019 , 28, 3853-3865	5.6	29

183	Genome-Wide Association Studies of Impulsive Personality Traits (BIS-11 and UPPS-P) and Drug Experimentation in up to 22,861 Adult Research Participants Identify Loci in the and genes. <i>Journal of Neuroscience</i> , 2019 , 39, 2562-2572	6.6	77
182	Genomic basis of delayed reward discounting. <i>Behavioural Processes</i> , 2019 , 162, 157-161	1.6	6
181	Incentive salience attribution, "sensation-seeking" and "novelty-seeking" are independent traits in a large sample of male and female heterogeneous stock rats. <i>Scientific Reports</i> , 2019 , 9, 2351	4.9	19
180	Electronic Health Records Are the Next Frontier for the Genetics of Substance Use Disorders. <i>Trends in Genetics</i> , 2019 , 35, 317-318	8.5	5
179	Metal-Binding Pharmacophore Library Yields the Discovery of a Glyoxalase 1 Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 1609-1625	8.3	20
178	Behavioral Genetic Studies in Rats. <i>Methods in Molecular Biology</i> , 2019 , 2018, 319-326	1.4	1
177	Using Heterogeneous Stocks for Fine-Mapping Genetically Complex Traits. <i>Methods in Molecular Biology</i> , 2019 , 2018, 233-247	1.4	22
176	Genetic influences on delayed reward discounting: A genome-wide prioritized subset approach. <i>Experimental and Clinical Psychopharmacology</i> , 2019 , 27, 29-37	3.2	6
175	Genome-wide Associations Reveal Human-Mouse Genetic Convergence and Modifiers of Myogenesis, CPNE1 and STC2. <i>American Journal of Human Genetics</i> , 2019 , 105, 1222-1236	11	18
174	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , 2019 , 51, 245-257	36.3	259
173	Genome-Wide Association Study Meta-Analysis of the Alcohol Use Disorders Identification Test (AUDIT) in Two Population-Based Cohorts. <i>American Journal of Psychiatry</i> , 2019 , 176, 107-118	11.9	156
172	Genome-wide association study of alcohol use disorder identification test (AUDIT) scores in 2013-28 research participants of European ancestry. <i>Addiction Biology</i> , 2019 , 24, 121-131	4.6	49
171	Glyoxalase 1 (GLO1) Inhibition or Genetic Overexpression Does Not Alter Ethanol's Locomotor Effects: Implications for GLO1 as a Therapeutic Target in Alcohol Use Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 869-878	3.7	3
170	Inhibition of Glyoxalase 1 reduces alcohol self-administration in dependent and nondependent rats. <i>Pharmacology Biochemistry and Behavior</i> , 2018 , 167, 36-41	3.9	5
169	Identification of a novel, fast-acting GABAergic antidepressant. <i>Molecular Psychiatry</i> , 2018 , 23, 384-391	15.1	23
168	Impulsivity as a mechanism linking child abuse and neglect with substance use in adolescence and adulthood. <i>Development and Psychopathology</i> , 2018 , 30, 417-435	4.3	66
167	Heterogeneous stock rats: a model to study the genetics of despair-like behavior in adolescence. <i>Genes, Brain and Behavior</i> , 2018 , 17, 139-148	3.6	19
166	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

165	Genome-wide association study of delay discounting in 23,217 adult research participants of European ancestry. <i>Nature Neuroscience</i> , 2018 , 21, 16-18	25.5	56
164	The genetics of human personality. <i>Genes, Brain and Behavior</i> , 2018 , 17, e12439	3.6	88
163	Genetic analysis of impulsive personality traits: Examination of a priori candidates and genome-wide variation. <i>Psychiatry Research</i> , 2018 , 259, 398-404	9.9	23
162	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. <i>Nature Neuroscience</i> , 2018 , 21, 1656-1669	25.5	257
161	Social and anxiety-like behaviors contribute to nicotine self-administration in adolescent outbred rats. <i>Scientific Reports</i> , 2018 , 8, 18069	4.9	11
160	Genome wide association analysis in a mouse advanced intercross line. <i>Nature Communications</i> , 2018 , 9, 5162	17.4	20
159	Genetic and pharmacological manipulation of glyoxalase 1 regulates voluntary ethanol consumption in mice. <i>Addiction Biology</i> , 2017 , 22, 381-389	4.6	10
158	Fine-mapping of genes determining extrafusal fiber properties in murine soleus muscle. <i>Physiological Genomics</i> , 2017 , 49, 141-150	3.6	9
157	Cdh13 and AdipoQ gene knockout alter instrumental and Pavlovian drug conditioning. <i>Genes, Brain and Behavior</i> , 2017 , 16, 686-698	3.6	6
156	Genetic influences on ADHD symptom dimensions: Examination of a priori candidates, gene-based tests, genome-wide variation, and SNP heritability. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017 , 174, 458-466	3.5	14
155	Sex-specific linkage scans in opioid dependence. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017 , 174, 261-268	3.5	8
154	Genome-Wide Association Study of Loneliness Demonstrates a Role for Common Variation. <i>Neuropsychopharmacology</i> , 2017 , 42, 811-821	8.7	53
153	Hierarchical investigation of genetic influences on response inhibition in healthy young adults. <i>Experimental and Clinical Psychopharmacology</i> , 2017 , 25, 512-520	3.2	7
152	Syntax for calculation of discounting indices from the monetary choice questionnaire and probability discounting questionnaire. <i>Journal of the Experimental Analysis of Behavior</i> , 2016 , 106, 156-63 ^{2.1}		70
151	Genetic Background Limits Generalizability of Genotype-Phenotype Relationships. <i>Neuron</i> , 2016 , 91, 1253-1259	13.9	143
150	The latent structure of impulsivity: impulsive choice, impulsive action, and impulsive personality traits. <i>Psychopharmacology</i> , 2016 , 233, 3361-70	4.7	214
149	Premature responding is associated with approach to a food cue in male and female heterogeneous stock rats. <i>Psychopharmacology</i> , 2016 , 233, 2593-605	4.7	17
148	Interrelationships among parental family history of substance misuse, delay discounting, and personal substance use. <i>Psychopharmacology</i> , 2016 , 233, 39-48	4.7	39

147	Individual differences in timing of peak positive subjective responses to d-amphetamine: Relationship to pharmacokinetics and physiology. <i>Journal of Psychopharmacology</i> , 2016 , 30, 330-43	4.6	8
146	Neuronal overexpression of Glo1 or amygdalar microinjection of methylglyoxal is sufficient to regulate anxiety-like behavior in mice. <i>Behavioural Brain Research</i> , 2016 , 301, 119-23	3.4	17
145	A dendritic organization of lateral amygdala neurons in fear susceptible and resistant mice. <i>Neurobiology of Learning and Memory</i> , 2016 , 127, 64-71	3.1	7
144	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016 , 46, 170-82	3.2	122
143	Systems genetic and pharmacological analysis identifies candidate genes underlying mechanosensation in the von Frey test. <i>Genes, Brain and Behavior</i> , 2016 , 15, 604-15	3.6	7
142	Genome-wide association study of behavioral, physiological and gene expression traits in outbred CFW mice. <i>Nature Genetics</i> , 2016 , 48, 919-26	36.3	72
141	Integration of genome-wide association and extant brain expression QTL identifies candidate genes influencing prepulse inhibition in inbred F1 mice. <i>Genes, Brain and Behavior</i> , 2016 , 15, 260-70	3.6	5
140	Mapping of Craniofacial Traits in Outbred Mice Identifies Major Developmental Genes Involved in Shape Determination. <i>PLoS Genetics</i> , 2015 , 11, e1005607	6	45
139	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015 , 72, 642-50	14.5	222
138	Hnrnp1 Is A Quantitative Trait Gene for Methamphetamine Sensitivity. <i>PLoS Genetics</i> , 2015 , 11, e1005763		36
137	Genetic variation associated with euphorogenic effects of d-amphetamine is associated with diminished risk for schizophrenia and attention deficit hyperactivity disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5968-73	11.5	15
136	Glo1 inhibitors for neuropsychiatric and anti-epileptic drug development. <i>Biochemical Society Transactions</i> , 2014 , 42, 461-7	5.1	15
135	Mice selectively bred for High and Low fear behavior show differences in the number of pMAPK (p44/42 ERK) expressing neurons in lateral amygdala following Pavlovian fear conditioning. <i>Neurobiology of Learning and Memory</i> , 2014 , 112, 195-203	3.1	7
134	Fine-mapping QTLs in advanced intercross lines and other outbred populations. <i>Mammalian Genome</i> , 2014 , 25, 271-92	3.2	20
133	The circadian clock gene Csnk1e regulates rapid eye movement sleep amount, and nonrapid eye movement sleep architecture in mice. <i>Sleep</i> , 2014 , 37, 785-93, 793A-793C	1.1	14
132	Quantitative trait locus mapping methods for diversity outbred mice. <i>G3: Genes, Genomes, Genetics</i> , 2014 , 4, 1623-33	3.2	116
131	Phenotypic instability between the near isogenic substrains BALB/cJ and BALB/cByJ. <i>Mammalian Genome</i> , 2014 , 25, 564-72	3.2	10
130	Genetic variation for life history sensitivity to seasonal warming in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2014 , 196, 569-77	4	47

129	Discovery and refinement of muscle weight QTLs in B6 D2 advanced intercross mice. <i>Physiological Genomics</i> , 2014 , 46, 571-82	3.6	10
128	High-resolution genetic mapping of complex traits from a combined analysis of F2 and advanced intercross mice. <i>Genetics</i> , 2014 , 198, 103-16	4	29
127	Social neuroscience and its potential contribution to psychiatry. <i>World Psychiatry</i> , 2014 , 13, 131-9	14.4	45
126	A locus on mouse Ch10 influences susceptibility to limbic seizure severity: fine mapping and in silico candidate gene analysis. <i>Genes, Brain and Behavior</i> , 2014 , 13, 341-9	3.6	4
125	Propensity for social interaction predicts nicotine-reinforced behaviors in outbred rats. <i>Genes, Brain and Behavior</i> , 2014 , 13, 202-12	3.6	27
124	Annexin A6 modifies muscular dystrophy by mediating sarcolemmal repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6004-9	11.5	90
123	Rats are the smart choice: Rationale for a renewed focus on rats in behavioral genetics. <i>Neuropharmacology</i> , 2014 , 76 Pt B, 250-8	5.5	52
122	Psychopharmacology of theobromine in healthy volunteers. <i>Psychopharmacology</i> , 2013 , 228, 109-18	4.7	54
121	Does COMT genotype influence the effects of d-amphetamine on executive functioning?. <i>Genes, Brain and Behavior</i> , 2013 , 12, 13-20	3.6	17
120	Candidate gene studies of a promising intermediate phenotype: failure to replicate. <i>Neuropsychopharmacology</i> , 2013 , 38, 802-16	8.7	57
119	A simulation study of permutation, bootstrap, and gene dropping for assessing statistical significance in the case of unequal relatedness. <i>Genetics</i> , 2013 , 193, 1015-8	4	33
118	Practical considerations regarding the use of genotype and pedigree data to model relatedness in the context of genome-wide association studies. <i>G3: Genes, Genomes, Genetics</i> , 2013 , 3, 1861-7	3.2	31
117	Glyoxalase 1 and its substrate methylglyoxal are novel regulators of seizure susceptibility. <i>Epilepsia</i> , 2013 , 54, 649-57	6.4	27
116	Strong genetic influences on measures of behavioral-regulation among inbred rat strains. <i>Genes, Brain and Behavior</i> , 2013 , 12, 490-502	3.6	29
115	Traits of fear resistance and susceptibility in an advanced intercross line. <i>European Journal of Neuroscience</i> , 2013 , 38, 3314-24	3.5	15
114	A large QTL for fear and anxiety mapped using an F2 cross can be dissected into multiple smaller QTLs. <i>Genes, Brain and Behavior</i> , 2013 , 12, 714-22	3.6	10
113	Variation in the form of Pavlovian conditioned approach behavior among outbred male Sprague-Dawley rats from different vendors and colonies: sign-tracking vs. goal-tracking. <i>PLoS ONE</i> , 2013 , 8, e75042	3.7	87
112	Rufy1 or Hnrnp1 is a likely quantitative trait gene for methamphetamine sensitivity. <i>FASEB Journal</i> , 2013 , 27, lb472	0.9	

111	Genome-wide association for methamphetamine sensitivity in an advanced intercross mouse line. <i>Genes, Brain and Behavior</i> , 2012 , 11, 52-61	3.6	32
110	Congenetic dissection of a major QTL for methamphetamine sensitivity implicates epistasis. <i>Genes, Brain and Behavior</i> , 2012 , 11, 623-32	3.6	20
109	Pavlovian fear memory circuits and phenotype models of PTSD. <i>Neuropharmacology</i> , 2012 , 62, 638-46	5.5	88
108	Genome-wide association study of d-amphetamine response in healthy volunteers identifies putative associations, including cadherin 13 (CDH13). <i>PLoS ONE</i> , 2012 , 7, e42646	3.7	65
107	Assessment of behaviors modeling aspects of schizophrenia in <i>Csmd1</i> mutant mice. <i>PLoS ONE</i> , 2012 , 7, e51235	3.7	22
106	Methamphetamine-induced conditioned place preference in LG/J and SM/J mouse strains and an F45/F46 advanced intercross line. <i>Frontiers in Genetics</i> , 2012 , 3, 126	4.5	15
105	Role of Glyoxalase 1 (Glo1) and methylglyoxal (MG) in behavior: recent advances and mechanistic insights. <i>Frontiers in Genetics</i> , 2012 , 3, 250	4.5	63
104	QTLs for murine red blood cell parameters in LG/J and SM/J F(2) and advanced intercross lines. <i>Mammalian Genome</i> , 2012 , 23, 356-66	3.2	7
103	Translational genetic approaches to substance use disorders: bridging the gap between mice and humans. <i>Human Genetics</i> , 2012 , 131, 931-9	6.3	5
102	Genome-wide association for fear conditioning in an advanced intercross mouse line. <i>Behavior Genetics</i> , 2012 , 42, 437-48	3.2	38
101	Genetic factors modulating the response to stimulant drugs in humans. <i>Current Topics in Behavioral Neurosciences</i> , 2012 , 12, 537-77	3.4	26
100	<i>Csnk1e</i> is a genetic regulator of sensitivity to psychostimulants and opioids. <i>Neuropsychopharmacology</i> , 2012 , 37, 1026-35	8.7	49
99	High-resolution genetic mapping using the Mouse Diversity outbred population. <i>Genetics</i> , 2012 , 190, 437-47	4	306
98	Glyoxalase 1 increases anxiety by reducing GABAA receptor agonist methylglyoxal. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2306-15	15.9	95
97	QTLRel: an R package for genome-wide association studies in which relatedness is a concern. <i>BMC Genetics</i> , 2011 , 12, 66	2.6	58
96	Dark matter: are mice the solution to missing heritability?. <i>Frontiers in Genetics</i> , 2011 , 2, 32	4.5	36
95	Casein kinase 1 enables nucleus accumbens amphetamine-induced locomotion by regulating AMPA receptor phosphorylation. <i>Journal of Neurochemistry</i> , 2011 , 118, 237-47	6	31
94	Mapping a mouse limbic seizure susceptibility locus on chromosome 10. <i>Epilepsia</i> , 2011 , 52, 2076-83	6.4	12

93	OPRM1 gene variants modulate amphetamine-induced euphoria in humans. <i>Genes, Brain and Behavior</i> , 2011 , 10, 199-209	3.6	41
92	Anxiety and fear in a cross of C57BL/6J and DBA/2J mice: mapping overlapping and independent QTL for related traits. <i>Genes, Brain and Behavior</i> , 2011 , 10, 604-14	3.6	19
91	Genetic determinants for intramuscular fat content and water-holding capacity in mice selected for high muscle mass. <i>Mammalian Genome</i> , 2011 , 22, 530-43	3.2	23
90	Fine-mapping alleles for body weight in LG/J \times SM/J and F(34) advanced intercross lines. <i>Mammalian Genome</i> , 2011 , 22, 563-71	3.2	23
89	Genetic analysis in the Collaborative Cross breeding population. <i>Genome Research</i> , 2011 , 21, 1223-38	9.7	132
88	Distinct genetic regions modify specific muscle groups in muscular dystrophy. <i>Physiological Genomics</i> , 2011 , 43, 24-31	3.6	25
87	QTL Analysis of Type I and Type IIA Fibers in Soleus Muscle in a Cross between LG/J and SM/J Mouse Strains. <i>Frontiers in Genetics</i> , 2011 , 2, 99	4.5	18
86	Modulation of Tcf7l2 expression alters behavior in mice. <i>PLoS ONE</i> , 2011 , 6, e26897	3.7	15
85	Fine mapping of QTL for prepulse inhibition in LG/J and SM/J mice using F(2) and advanced intercross lines. <i>Genes, Brain and Behavior</i> , 2010 , 9, 759-67	3.6	34
84	Murine Warriors or Worriers: The Saga of Comt1, B2 SINE Elements, and the Future of Translational Genetics. <i>Frontiers in Neuroscience</i> , 2010 , 4, 177	5.1	7
83	Genome-wide association studies and the problem of relatedness among advanced intercross lines and other highly recombinant populations. <i>Genetics</i> , 2010 , 185, 1033-44	4	86
82	More aroused, less fatigued: fatty acid amide hydrolase gene polymorphisms influence acute response to amphetamine. <i>Neuropsychopharmacology</i> , 2010 , 35, 613-22	8.7	24
81	Fine-mapping of muscle weight QTL in LG/J and SM/J intercrosses. <i>Physiological Genomics</i> , 2010 , 42A, 33-8	3.6	29
80	Are attention lapses related to d-amphetamine liking?. <i>Psychopharmacology</i> , 2010 , 208, 201-9	4.7	13
79	Genetics of caffeine consumption and responses to caffeine. <i>Psychopharmacology</i> , 2010 , 211, 245-57	4.7	169
78	More on ADORA. <i>Psychopharmacology</i> , 2010 , 212, 699-700	4.7	2
77	Differences in aggressive behavior and DNA copy number variants between BALB/cJ and BALB/cByJ substrains. <i>Behavior Genetics</i> , 2010 , 40, 201-10	3.2	38
76	Polymorphisms in dopamine transporter (SLC6A3) are associated with stimulant effects of D-amphetamine: an exploratory pharmacogenetic study using healthy volunteers. <i>Behavior Genetics</i> , 2010 , 40, 255-61	3.2	19

75	Catechol-O-methyltransferase val158met genotype modulates sustained attention in both the drug-free state and in response to amphetamine. <i>Psychiatric Genetics</i> , 2010 , 20, 85-92	2.9	47
74	Genetic variation and population substructure in outbred CD-1 mice: implications for genome-wide association studies. <i>PLoS ONE</i> , 2009 , 4, e4729	3.7	94
73	Negative emotionality: monoamine oxidase B gene variants modulate personality traits in healthy humans. <i>Journal of Neural Transmission</i> , 2009 , 116, 1323-34	4.3	35
72	A role for casein kinase 1 epsilon in the locomotor stimulant response to methamphetamine. <i>Psychopharmacology</i> , 2009 , 203, 703-11	4.7	38
71	Further evidence of association between amphetamine response and SLC6A2 gene variants. <i>Psychopharmacology</i> , 2009 , 206, 501-11	4.7	21
70	A major QTL on chromosome 11 influences psychostimulant and opioid sensitivity in mice. <i>Genes, Brain and Behavior</i> , 2009 , 8, 795-805	3.6	27
69	Evaluation of genetic variability in the dopamine receptor D2 in relation to behavioral inhibition and impulsivity/sensation seeking: an exploratory study with d-amphetamine in healthy participants. <i>Experimental and Clinical Psychopharmacology</i> , 2009 , 17, 374-83	3.2	91
68	Latent TGF-beta-binding protein 4 modifies muscular dystrophy in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3703-12	15.9	123
67	A common and unstable copy number variant is associated with differences in Glo1 expression and anxiety-like behavior. <i>PLoS ONE</i> , 2009 , 4, e4649	3.7	87
66	Prenatal protein deprivation alters dopamine-mediated behaviors and dopaminergic and glutamatergic receptor binding. <i>Brain Research</i> , 2008 , 1237, 62-74	3.7	47
65	Behavioral differences among C57BL/6 substrains: implications for transgenic and knockout studies. <i>Journal of Neurogenetics</i> , 2008 , 22, 315-31	1.6	142
64	Rapid selection response for contextual fear conditioning in a cross between C57BL/6J and A/J: behavioral, QTL and gene expression analysis. <i>Behavior Genetics</i> , 2008 , 38, 277-91	3.2	22
63	Selection for contextual fear conditioning affects anxiety-like behaviors and gene expression. <i>Genes, Brain and Behavior</i> , 2007 , 6, 736-49	3.6	75
62	Use of chromosome substitution strains to identify seizure susceptibility loci in mice. <i>Mammalian Genome</i> , 2007 , 18, 23-31	3.2	22
61	Genetic architecture of fear conditioning in chromosome substitution strains: relationship to measures of innate (unlearned) anxiety-like behavior. <i>Mammalian Genome</i> , 2007 , 18, 221-8	3.2	20
60	Significance thresholds for quantitative trait locus mapping under selective genotyping. <i>Genetics</i> , 2007 , 177, 1963-6	4	22
59	Acute and chronic responses to the convulsant pilocarpine in DBA/2J and A/J mice. <i>Neuroscience</i> , 2007 , 149, 465-75	3.9	31
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45	The nature and identification of quantitative trait loci: a community's view. <i>Nature Reviews Genetics</i> , 2003 , 4, 911-6	30.1	330
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43	Initial sensitivity, tolerance and cross-tolerance to allopregnanolone- and ethanol-induced hypothermia in selected mouse lines. <i>Psychopharmacology</i> , 2002 , 162, 313-22	4.7	28
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41	Forward, Relaxed, and Reverse Selection for Reduced and Enhanced Sensitivity to Ethanol's Locomotor Stimulant Effects in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 593-602	3.7	19
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38	Locomotor activity responses to ethanol, other alcohols and GABA-A acting compounds in forward- and reverse-selected FAST and SLOW mouse lines.. <i>Behavioral Neuroscience</i> , 2002 , 116, 958-967	2.1	22
37	Differences between SHR and WKY following the airpuff startle stimulus in the number of Fos expressing, RVLM projecting neurons. <i>Clinical and Experimental Hypertension</i> , 2002 , 24, 125-39	2.2	5
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30	Latent inhibition and conditioning in rat strains which show differential prepulse inhibition. <i>Behavior Genetics</i> , 2001 , 31, 325-33	3.2	18
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28	Prepulse startle deficit in the Brown Norway rat: a potential genetic model. <i>Behavioral Neuroscience</i> , 2000 , 114, 374-88	2.1	30
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26	Strain differences in Fos expression following airpuff startle in Spontaneously Hypertensive and Wistar Kyoto rats. <i>Neuroscience</i> , 1999 , 89, 965-78	3.9	34
25	Attenuation of Fos expression to airpuff startle stimuli following tympanic membrane rupture. <i>Brain Research</i> , 1998 , 787, 91-8	3.7	7
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21	Genome wide association analysis in a mouse advanced intercross line	3
20	Genome-wide association study in two cohorts from a multi-generational mouse advanced intercross line highlights the difficulty of replication	3
19	Adapting genotyping-by-sequencing and variant calling for heterogeneous stock rats	2
18	Content and performance of the MiniMUGA genotyping array, a new tool to improve rigor and reproducibility in mouse research	2
17	Genome-wide association study of Alcohol Use Disorder Identification Test (AUDIT) scores in 20,328 research participants of European ancestry	4
16	Polymorphic SNPs, short tandem repeats and structural variants are responsible for differential gene expression across C57BL/6 and C57BL/10 substrains	1
15	Multivariate GWAS elucidates the genetic architecture of alcohol consumption and misuse, corrects biases, and reveals novel associations with disease	1
14	Multivariate genomic analysis of 1.5 million people identifies genes related to addiction, antisocial behavior, and health	6
13	Polygenic transcriptome risk scores improve portability of polygenic risk scores across ancestries	4
12	Trans-ancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders	7
11	Genome-wide association study meta-analysis of the Alcohol Use Disorder Identification Test (AUDIT) in two population-based cohorts (N=141,932)	9
10	Dissecting indirect genetic effects from peers in laboratory mice	3
9	Genome-wide associations reveal human-mouse genetic convergence and modifiers of myogenesis, CPNE1 and STC2	
8	Genetic characterization of outbred Sprague Dawley rats and utility for genome-wide association studies	5
7	Genome wide association study in 3,173 outbred rats identifies multiple loci for body weight, adiposity, and fasting glucose	3
6	Phenome-wide Investigation of Health Outcomes Associated with Genetic Predisposition to Loneliness	4
5	Modeling epistasis in mice and yeast using the proportion of two or more distinct genetic backgrounds: evidence for polygenic epistasis	2
4	Multivariate GWAS of psychiatric disorders and their cardinal symptoms reveal two dimensions of cross-cutting genetic liabilities	15

3	Meta-analysis of problematic alcohol use in 435,563 individuals identifies 29 risk variants and yields insights into biology, pleiotropy and causality	6
2	Characterization of cocaine addiction-like behavior in heterogeneous stock rats	1
1	Analysis of independent cohorts of outbred CFW mice reveals novel loci for behavioral and physiological traits and identifies factors determining reproducibility	1