

Abraham A Palmer

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8920739/abraham-a-palmer-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	The Collaborative Cross, a community resource for the genetic analysis of complex traits. <i>Nature Genetics</i> , 2004 , 36, 1133-7	36.3	822
217	The nature and identification of quantitative trait loci: a community's view. <i>Nature Reviews Genetics</i> , 2003 , 4, 911-6	30.1	330
216	High-resolution genetic mapping using the Mouse Diversity outbred population. <i>Genetics</i> , 2012 , 190, 437-47	4	306
215	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
214	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
213	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. <i>Nature Neuroscience</i> , 2018 , 21, 1656-1669	25.5	257
212	A genomewide screen of 345 families for autism-susceptibility loci. <i>American Journal of Human Genetics</i> , 2003 , 73, 886-97	11	224
211	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
210	The latent structure of impulsivity: impulsive choice, impulsive action, and impulsive personality traits. <i>Psychopharmacology</i> , 2016 , 233, 3361-70	4.7	214
209	Genetics of caffeine consumption and responses to caffeine. <i>Psychopharmacology</i> , 2010 , 211, 245-57	4.7	169
208	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
207	Genetic Background Limits Generalizability of Genotype-Phenotype Relationships. <i>Neuron</i> , 2016 , 91, 1253-1259	13.9	143
206	Behavioral differences among C57BL/6 substrains: implications for transgenic and knockout studies. <i>Journal of Neurogenetics</i> , 2008 , 22, 315-31	1.6	142
205	Genetic analysis in the Collaborative Cross breeding population. <i>Genome Research</i> , 2011 , 21, 1223-38	9.7	132
204	Latent TGF-beta-binding protein 4 modifies muscular dystrophy in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3703-12	15.9	123
203	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
202	Quantitative trait locus mapping methods for diversity outbred mice. <i>G3: Genes, Genomes, Genetics</i> , 2014 , 4, 1623-33	3.2	116

201	Glyoxalase 1 increases anxiety by reducing GABAA receptor agonist methylglyoxal. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2306-15	15.9	95
200	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
199	Voluntary ethanol drinking in C57BL/6J and DBA/2J mice before and after sensitization to the locomotor stimulant effects of ethanol. <i>Psychopharmacology</i> , 2001 , 155, 91-9	4.7	92
198	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
197	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
196	Pavlovian fear memory circuits and phenotype models of PTSD. <i>Neuropharmacology</i> , 2012 , 62, 638-46	5.5	88
195	The genetics of human personality. <i>Genes, Brain and Behavior</i> , 2018 , 17, e12439	3.6	88
194	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
193	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
192	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
191	Gene expression differences in mice divergently selected for methamphetamine sensitivity. <i>Mammalian Genome</i> , 2005 , 16, 291-305	3.2	78
190	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
189	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
188	Prenatal protein deprivation in rats induces changes in prepulse inhibition and NMDA receptor binding. <i>Brain Research</i> , 2004 , 996, 193-201	3.7	74
187	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
186	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
185	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
184	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

183	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
182	Hardy-Weinberg disequilibrium identified genotyping error of the serotonin transporter (SLC6A4) promoter polymorphism. <i>Psychiatric Genetics</i> , 2006 , 16, 31-4	2.9	64
181	Prepulse startle deficit in the Brown Norway rat: A potential genetic model.. <i>Behavioral Neuroscience</i> , 2000 , 114, 374-388	2.1	64
180	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
179	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
178	Candidate gene studies of a promising intermediate phenotype: failure to replicate. <i>Neuropsychopharmacology</i> , 2013 , 38, 802-16	8.7	57
177	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
176	Psychopharmacology of theobromine in healthy volunteers. <i>Psychopharmacology</i> , 2013 , 228, 109-18	4.7	54
175	Genome-Wide Association Study of Loneliness Demonstrates a Role for Common Variation. <i>Neuropsychopharmacology</i> , 2017 , 42, 811-821	8.7	53
174	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
173	Association between the casein kinase 1 epsilon gene region and subjective response to D-amphetamine. <i>Neuropsychopharmacology</i> , 2006 , 31, 1056-63	8.7	51
172	Csnk1e is a genetic regulator of sensitivity to psychostimulants and opioids. <i>Neuropsychopharmacology</i> , 2012 , 37, 1026-35	8.7	49
171	Genome-wide association study of alcohol use disorder identification test (AUDIT) scores in 20128 research participants of European ancestry. <i>Addiction Biology</i> , 2019 , 24, 121-131	4.6	49
170	Genetic variation for life history sensitivity to seasonal warming in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2014 , 196, 569-77	4	47
169	Prenatal protein deprivation alters dopamine-mediated behaviors and dopaminergic and glutamatergic receptor binding. <i>Brain Research</i> , 2008 , 1237, 62-74	3.7	47
168	Bioinformatic analysis of autism positional candidate genes using biological databases and computational gene network prediction. <i>Genes, Brain and Behavior</i> , 2003 , 2, 303-20	3.6	47
167	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
166	Mapping of Craniofacial Traits in Outbred Mice Identifies Major Developmental Genes Involved in Shape Determination. <i>PLoS Genetics</i> , 2015 , 11, e1005607	6	45

165	Social neuroscience and its potential contribution to psychiatry. <i>World Psychiatry</i> , 2014 , 13, 131-9	14.4	45
164	Effects of a Drd2 deletion mutation on ethanol-induced locomotor stimulation and sensitization suggest a role for epistasis. <i>Behavior Genetics</i> , 2003 , 33, 311-24	3.2	45
163	A large-scale genome-wide association study meta-analysis of cannabis use disorder. <i>Lancet Psychiatry</i> , 2020 , 7, 1032-1045	23.3	43
162	OPRM1 gene variants modulate amphetamine-induced euphoria in humans. <i>Genes, Brain and Behavior</i> , 2011 , 10, 199-209	3.6	41
161	Interrelationships among parental family history of substance misuse, delay discounting, and personal substance use. <i>Psychopharmacology</i> , 2016 , 233, 39-48	4.7	39
160	Genome-wide association for fear conditioning in an advanced intercross mouse line. <i>Behavior Genetics</i> , 2012 , 42, 437-48	3.2	38
159	A role for casein kinase 1 epsilon in the locomotor stimulant response to methamphetamine. <i>Psychopharmacology</i> , 2009 , 203, 703-11	4.7	38
158	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
157	Dark matter: are mice the solution to missing heritability?. <i>Frontiers in Genetics</i> , 2011 , 2, 32	4.5	36
156	Hnrnp1 Is A Quantitative Trait Gene for Methamphetamine Sensitivity. <i>PLoS Genetics</i> , 2015 , 11, e1005763		36
155	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
154	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
153	Corticotropin-releasing factor overexpression decreases ethanol drinking and increases sensitivity to the sedative effects of ethanol. <i>Psychopharmacology</i> , 2004 , 176, 386-97	4.7	34
152	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
151	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
150	Identification of quantitative trait loci for prepulse inhibition in rats. <i>Psychopharmacology</i> , 2003 , 165, 270-9	4.7	33
149	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
148	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

147	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
146	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
145	Reverse selection for differential response to the locomotor stimulant effects of ethanol provides evidence for pleiotropic genetic influence on locomotor response to other drugs of abuse. <i>Alcoholism: Clinical and Experimental Research</i> , 2003 , 27, 1535-47	3.7	31
144	Prepulse startle deficit in the Brown Norway rat: a potential genetic model. <i>Behavioral Neuroscience</i> , 2000 , 114, 374-88	2.1	30
143	Phenome-wide investigation of health outcomes associated with genetic predisposition to loneliness. <i>Human Molecular Genetics</i> , 2019 , 28, 3853-3865	5.6	29
142	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
141	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
140	Fine-mapping of muscle weight QTL in LG/J and SM/J intercrosses. <i>Physiological Genomics</i> , 2010 , 42A, 33-8	3.6	29
139	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
138	Recent Efforts to Dissect the Genetic Basis of Alcohol Use and Abuse. <i>Biological Psychiatry</i> , 2020 , 87, 609-618	7.9	28
137	Propensity for social interaction predicts nicotine-reinforced behaviors in outbred rats. <i>Genes, Brain and Behavior</i> , 2014 , 13, 202-12	3.6	27
136	Glyoxalase 1 and its substrate methylglyoxal are novel regulators of seizure susceptibility. <i>Epilepsia</i> , 2013 , 54, 649-57	6.4	27
135	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
134	Genetic factors modulating the response to stimulant drugs in humans. <i>Current Topics in Behavioral Neurosciences</i> , 2012 , 12, 537-77	3.4	26
133	Distinct genetic regions modify specific muscle groups in muscular dystrophy. <i>Physiological Genomics</i> , 2011 , 43, 24-31	3.6	25
132	Sensitivity to the locomotor stimulant effects of ethanol and allopregnanolone is influenced by common genes. <i>Behavioral Neuroscience</i> , 2002 , 116, 126-137	2.1	25
131	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
130	Identification of a novel, fast-acting GABAergic antidepressant. <i>Molecular Psychiatry</i> , 2018 , 23, 384-391	15.1	23

129	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
128	Fine-mapping alleles for body weight in LG/J B6M/J F1 and F(34) advanced intercross lines. <i>Mammalian Genome</i> , 2011 , 22, 563-71	3.2	23
127	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
126	Assessment of behaviors modeling aspects of schizophrenia in <i>Csmd1</i> mutant mice. <i>PLoS ONE</i> , 2012 , 7, e51235	3.7	22
125	Use of chromosome substitution strains to identify seizure susceptibility loci in mice. <i>Mammalian Genome</i> , 2007 , 18, 23-31	3.2	22
124	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
123	Significance thresholds for quantitative trait locus mapping under selective genotyping. <i>Genetics</i> , 2007 , 177, 1963-6	4	22
122	Behavioral sensitization to ethanol is modulated by environmental conditions, but is not associated with cross-sensitization to allopregnanolone or pentobarbital in DBA/2J mice. <i>Neuroscience</i> , 2005 , 131, 263-73	3.9	22
121	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
120	Using Heterogeneous Stocks for Fine-Mapping Genetically Complex Traits. <i>Methods in Molecular Biology</i> , 2019 , 2018, 233-247	1.4	22
119	Further evidence of association between amphetamine response and SLC6A2 gene variants. <i>Psychopharmacology</i> , 2009 , 206, 501-11	4.7	21
118	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
117	Fine-mapping QTLs in advanced intercross lines and other outbred populations. <i>Mammalian Genome</i> , 2014 , 25, 271-92	3.2	20
116	Congenic dissection of a major QTL for methamphetamine sensitivity implicates epistasis. <i>Genes, Brain and Behavior</i> , 2012 , 11, 623-32	3.6	20
115	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
114	Genome wide association analysis in a mouse advanced intercross line. <i>Nature Communications</i> , 2018 , 9, 5162	17.4	20
113	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
112	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

111	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
110	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
109	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
108	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
107	Latent inhibition and conditioning in rat strains which show differential prepulse inhibition. <i>Behavior Genetics</i> , 2001 , 31, 325-33	3.2	18
106	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
105	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
104	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
103	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
102	Sensitivity to the locomotor-stimulant effects of ethanol and allopregnanolone: a quantitative trait locus study of common genetic influence. <i>Genes, Brain and Behavior</i> , 2006 , 5, 506-17	3.6	17
101	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
100	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	17
99	Photochemical control of the infectivity of adenoviral vectors using a novel photocleavable biotinylation reagent. <i>Chemistry and Biology</i> , 2002 , 9, 567-73		16
98	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
97	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
96	Glo1 inhibitors for neuropsychiatric and anti-epileptic drug development. <i>Biochemical Society Transactions</i> , 2014 , 42, 461-7	5.1	15
95	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
94	Traits of fear resistance and susceptibility in an advanced intercross line. <i>European Journal of Neuroscience</i> , 2013 , 38, 3314-24	3.5	15

93	Modulation of Tcf7l2 expression alters behavior in mice. <i>PLoS ONE</i> , 2011 , 6, e26897	3.7	15
92	Multivariate GWAS of psychiatric disorders and their cardinal symptoms reveal two dimensions of cross-cutting genetic liabilities		15
91	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, 958-67	2.1	15
90	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
89	Emerging phenotyping strategies will advance our understanding of psychiatric genetics. <i>Nature Neuroscience</i> , 2020 , 23, 475-480	25.5	14
88	The circadian clock gene <i>Csnk1e</i> 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
87	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
86	Are attention lapses related to d-amphetamine liking?. <i>Psychopharmacology</i> , 2010 , 208, 201-9	4.7	13
85	Mapping a mouse limbic seizure susceptibility locus on chromosome 10. <i>Epilepsia</i> , 2011 , 52, 2076-83	6.4	12
84	Airpuff startle stress elicited fos expression in brain cardiovascular areas of young SHR and WKY rats. <i>Clinical and Experimental Hypertension</i> , 1999 , 21, 1061-81	2.2	11
83	Involvement of central corticotropin-releasing factor (CRF) in suckling-induced inhibition of luteinizing hormone secretion in lactating rats. <i>Journal of Neuroendocrinology</i> , 1993 , 5, 451-9	3.8	11
82	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. <i>EBioMedicine</i> , 2020 , 55, 102769	8.8	11
81	Social and anxiety-like behaviors contribute to nicotine self-administration in adolescent outbred rats. <i>Scientific Reports</i> , 2018 , 8, 18069	4.9	11
80	Genetic and pharmacological manipulation of glyoxalase 1 regulates voluntary ethanol consumption in mice. <i>Addiction Biology</i> , 2017 , 22, 381-389	4.6	10
79	Phenotypic instability between the near isogenic substrains BALB/cJ and BALB/cByJ. <i>Mammalian Genome</i> , 2014 , 25, 564-72	3.2	10
78	Discovery and refinement of muscle weight QTLs in B6 D2 advanced intercross mice. <i>Physiological Genomics</i> , 2014 , 46, 571-82	3.6	10
77	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
76	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

75	Sensitivity to the locomotor stimulant effects of ethanol and allopregnanolone is influenced by common genes. <i>Behavioral Neuroscience</i> , 2002 , 116, 126-37	2.1	10
74	Fine-mapping of genes determining extrafusal fiber properties in murine soleus muscle. <i>Physiological Genomics</i> , 2017 , 49, 141-150	3.6	9
73	Genome-wide association study meta-analysis of the Alcohol Use Disorder Identification Test (AUDIT) in two population-based cohorts (N=141,932)		9
72	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
71	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
70	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
69	Effect of Forward and Reverse Selection for Ethanol-Induced Locomotor Response on Other Measures of Ethanol Sensitivity. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 1322-1329	3.7	8
68	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
67	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
66	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
65	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
64	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
63	Attenuation of Fos expression to airpuff startle stimuli following tympanic membrane rupture. <i>Brain Research</i> , 1998 , 787, 91-8	3.7	7
62	Angiotensin II receptor binding sites in the ventral portion of the bed nucleus of the stria terminalis are reduced by interruption of the medial forebrain bundle. <i>Brain Research</i> , 1998 , 809, 5-11	3.7	7
61	Inappropriate choice of the experimental unit leads to a dramatic overestimation of the significance of quantitative trait loci for prepulse inhibition and startle response in recombinant congenic mice. <i>Neuropsychopharmacology</i> , 2003 , 28, 818; author reply 819	8.7	7
60	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
59	Trans-ancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders		7
58	The Latent Genetic Structure of Impulsivity and Its Relation to Internalizing Psychopathology. <i>Psychological Science</i> , 2020 , 31, 1025-1035	7.9	7

57	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
56	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
55	Cdh13 and AdipoQ gene knockout alter instrumental and Pavlovian drug conditioning. <i>Genes, Brain and Behavior</i> , 2017 , 16, 686-698	3.6	6
54	Genomic basis of delayed reward discounting. <i>Behavioural Processes</i> , 2019 , 162, 157-161	1.6	6
53	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
52	Multivariate genomic analysis of 1.5 million people identifies genes related to addiction, antisocial behavior, and health		6
51	Meta-analysis of problematic alcohol use in 435,563 individuals identifies 29 risk variants and yields insights into biology, pleiotropy and causality		6
50	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
49	Adapting Genotyping-by-Sequencing and Variant Calling for Heterogeneous Stock Rats. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 2195-2205	3.2	5
48	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
47	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
46	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
45	Genetic characterization of outbred Sprague Dawley rats and utility for genome-wide association studies		5
44	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
43	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
42	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
41	Differences in cultured cardiac fibroblast populations isolated from SHR and WKY rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995 , 22, S265-7	3	4
40	Genome-wide association study of Alcohol Use Disorder Identification Test (AUDIT) scores in 20,328 research participants of European ancestry		4

39	Polygenic transcriptome risk scores improve portability of polygenic risk scores across ancestries		4
38	Phenome-wide Investigation of Health Outcomes Associated with Genetic Predisposition to Loneliness		4
37	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
36	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
35	Polygenic transcriptome risk scores (PTRS) can improve portability of polygenic risk scores across ancestries.. <i>Genome Biology</i> , 2022 , 23, 23	18.3	3
34	Genome wide association analysis in a mouse advanced intercross line		3
33	Genome-wide association study in two cohorts from a multi-generational mouse advanced intercross line highlights the difficulty of replication		3
32	Dissecting indirect genetic effects from peers in laboratory mice		3
31	Genome wide association study in 3,173 outbred rats identifies multiple loci for body weight, adiposity, and fasting glucose		3
30	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
29	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
28	Effect of forward and reverse selection for ethanol-induced locomotor response on other measures of ethanol sensitivity. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 1322-9	3.7	3
27	More on ADORA. <i>Psychopharmacology</i> , 2010 , 212, 699-700	4.7	2
26	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
25	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
24	Adapting genotyping-by-sequencing and variant calling for heterogeneous stock rats		2
23	Content and performance of the MiniMUGA genotyping array, a new tool to improve rigor and reproducibility in mouse research		2
22	Multidimensional latent structure of risk-related phenotypes in healthy young adults. <i>Experimental and Clinical Psychopharmacology</i> , 2020 , 28, 55-64	3.2	2

21	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	2
20	Genome-wide associations reveal human-mouse genetic convergence and modifiers of myogenesis, CPNE1 and STC2		
19	Modeling epistasis in mice and yeast using the proportion of two or more distinct genetic backgrounds: evidence for polygenic epistasis		2
18	Behavioral Genetic Studies in Rats. <i>Methods in Molecular Biology</i> , 2019 , 2018, 319-326	1.4	1
17	Polymorphic SNPs, short tandem repeats and structural variants are responsible for differential gene expression across C57BL/6 and C57BL/10 substrains		1
16	Multivariate GWAS elucidates the genetic architecture of alcohol consumption and misuse, corrects biases, and reveals novel associations with disease		1
15	Integration of evidence across human and model organism studies: A meeting report. <i>Genes, Brain and Behavior</i> , 2021 , 20, e12738	3.6	1
14	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
13	Characterization of cocaine addiction-like behavior in heterogeneous stock rats		1
12	Functional validation of a finding from a mouse genome-wide association study shows that Azi2 influences the acute locomotor stimulant response to methamphetamine. <i>Genes, Brain and Behavior</i> , 2021 , 20, e12760	3.6	1
11	Genetic and Pharmacological Manipulations of Glyoxalase 1 Mediate Ethanol Withdrawal Seizure Susceptibility in Mice. <i>Brain Sciences</i> , 2021 , 11,	3.4	1
10	Analysis of independent cohorts of outbred CFW mice reveals novel loci for behavioral and physiological traits and identifies factors determining reproducibility		1
9	A natural mutator allele shapes mutation spectrum variation in mice.. <i>Nature</i> , 2022 , 605, 497-502	50.4	1
8	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
7	Dissecting indirect genetic effects from peers in laboratory mice. <i>Genome Biology</i> , 2021 , 22, 216	18.3	0
6	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
5	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
4	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

- 3 Rufy1 or Hnrnp1 is a likely quantitative trait gene for methamphetamine sensitivity. *FASEB Journal*, **2013**, 27, lb472 0.9
- 2 ACNP efforts toward reducing climate change. *Neuropsychopharmacology*, **2020**, 45, 2137-2138 8.7
- 1 A mutant allele of glycoprotein M6-B (Gpm6b) facilitates behavioral flexibility but increases delay discounting.. *Genes, Brain and Behavior*, **2022**, e12800 3.6