Trudy F C Mackay

List of Publications by Year
in descending order

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219 papers	26,622 citations	11651 70 h-index	7518 151 g-index
259 all docs	259 docs citations	259 times ranked	25172 citing authors

#	Article	IF	Citations
1	Genetics and Brain Transcriptomics of Completed Suicide. American Journal of Psychiatry, 2022, 179, 226-241.	7.2	17
2	Modulation of the Drosophila transcriptome by developmental exposure to alcohol. BMC Genomics, 2022, 23, 347.	2.8	5
3	Functional Diversification, Redundancy, and Epistasis among Paralogs of the Drosophila melanogaster Obp50aâ€“d Gene Cluster. Molecular Biology and Evolution, 2021, 38, 2030-2044.	8.9	11
4	The Drosophila brain on cocaine at single-cell resolution. Genome Research, 2021, 31, 1927-1937.	5.5	23
5	Genetic basis of variation in cocaine and methamphetamine consumption in outbred populations of Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
6	A High Throughput Microplate Feeder Assay for Quantification of Consumption in Drosophila. Journal of Visualized Experiments, 2021, , .	0.3	1
7	Developmental Alcohol Exposure in Drosophila: Effects on Adult Phenotypes and Gene Expression in the Brain. Frontiers in Psychiatry, 2021, 12, 699033.	2.6	13
8	Epistasis for head morphology in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	2
9	Physiological and metabolomic consequences of reduced expression of the Drosophila brummer triglyceride Lipase. PLoS ONE, 2021, 16, e0255198.	2.5	11
10	Heat shock proteins and small nucleolar RNAs are dysregulated in a Drosophila model for feline hypertrophic cardiomyopathy. G3: Genes, Genomes, Genetics, 2021, 11, 1-16.	1.8	6
11	Ibrutinib as a potential therapeutic for cocaine use disorder. Translational Psychiatry, 2021, 11, 623.	4.8	7
12	Systems genetics of the Drosophila metabolome. Genome Research, 2020, 30, 392-405.	5.5	18
13	Rapid and Predictable Evolution of Admixed Populations Between TwoDrosophilaSpecies Pairs. Genetics, 2020, 214, 211-230.	2.9	42
14	Genotype by environment interaction for gene expression in Drosophila melanogaster. Nature Communications, 2020, 11, 5451.	12.8	30
15	Leveraging Multiple Layers of Data To Predict Drosophila Complex Traits. G3: Genes, Genomes, Genetics, 2020, 10, 4599-4613.	1.8	21
16	Context-dependent genetic architecture of Drosophila life span. PLoS Biology, 2020, 18, e3000645.	5.6	47
17	Gene expression networks in the Drosophila Genetic Reference Panel. Genome Research, 2020, 30, 485-496.	5.5	55
18	Genetic Basis of Increased Lifespan and Postponed Senescence in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2020, 10, 1087-1098.	1.8	8

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19	High-Throughput Method for Measuring Alcohol Sedation Time of Individual Drosophila melanogaster. Journal of Visualized Experiments, 2020, , .	0.3	5
20	Genetic Basis of Natural Variation in Spontaneous Grooming inDrosophila melanogaster. G3: Genes, Genomes, Genetics, 2020, 10, 3453-3460.	1.8	5
21	Lisinopril Preserves Physical Resilience and Extends Life Span in a Genotype-Specific Manner in Drosophila melanogaster. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1844-1852.	3.6	14
22	Genetics of cocaine and methamphetamine consumption and preference in Drosophila melanogaster. PLoS Genetics, 2019, 15, e1007834.	3.5	21
23	Testing the assumptions of parametric linear models: the need for biological data mining in disciplines such as human genetics. BioData Mining, 2019, 12, 6.	4.0	3
24	Genome-Wide Association Study of Circadian Behavior in Drosophila melanogaster. Behavior Genetics, 2019, 49, 60-82.	2.1	26
25	Effect of genetic architecture on the prediction accuracy of quantitative traits in samples of unrelated individuals. Heredity, 2018, 120, 500-514.	2.6	59
26	Estimating Realized Heritability in Panmictic Populations. Genetics, 2018, 208, 89-95.	2.9	4
27	Functional Validation of Candidate Genes Detected by Genomic Feature Models. G3: Genes, Genomes, Genetics, 2018, 8, 1659-1668.	1.8	14
28	The road less traveled: from genotype to phenotype in flies and humans. Mammalian Genome, 2018, 29, 5-23.	2.2	26
29	Charting the genotypeâ€“phenotype map: lessons from the Drosophila melanogaster Genetic Reference Panel. Wiley Interdisciplinary Reviews: Developmental Biology, 2018, 7, e289.	5.9	121
30	ACyclin ECentered Genetic Network Contributes to Alcohol-Induced Variation in Drosophila Development. G3: Genes, Genomes, Genetics, 2018, 8, 2643-2653.	1.8	14
31	Genomic Analysis of Genotype-by-Social Environment Interaction for Drosophila melanogaster Aggressive Behavior. Genetics, 2017, 206, 1969-1984.	2.9	21
32	Regulation of Drosophila Lifespan by bellwether Promoter Alleles. Scientific Reports, 2017, 7, 4109.	3.3	6
33	Genetic and Genomic Response to Selection for Food Consumption in Drosophila melanogaster. Behavior Genetics, 2017, 47, 227-243.	2.1	20
34	A Drosophila model for toxicogenomics: Genetic variation in susceptibility to heavy metal exposure. PLoS Genetics, 2017, 13, e1006907.	3.5	54
35	The Genetic Basis for Variation in Sensitivity to Lead Toxicity in Drosophila melanogaster. Environmental Health Perspectives, 2016, 124, 1062-1070.	6.0	42
36	Genome-Wide Analysis Reveals Novel Regulators of Growth in Drosophila melanogaster. PLoS Genetics, 2016, 12, e1005616.	3.5	55

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37	The Genetic Architecture of Natural Variation in Recombination Rate in Drosophila melanogaster. PLoS Genetics, 2016, 12, e1005951.	3.5	102
38	The Genetic Architecture of Quantitative Traits Cannot Be Inferred from Variance Component Analysis. PLoS Genetics, 2016, 12, e1006421.	3.5	158
39	Obp56hModulates Mating Behavior inDrosophila melanogaster. G3: Genes, Genomes, Genetics, 2016, 6, 3335-3342.	1.8	34
40	Genomic Prediction for Quantitative Traits Is Improved by Mapping Variants to Gene Ontology Categories inDrosophila melanogaster. Genetics, 2016, 203, 1871-1883.	2.9	96
41	Genetic architecture of natural variation in visual senescence in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6620-E6629.	7.1	46
42	Artificial selection on chill-coma recovery time in Drosophila melanogaster: Direct and correlated responses to selection. Journal of Thermal Biology, 2016, 59, 77-85.	2.5	27
43	Natural variability in Drosophila larval and pupal NaCl tolerance. Journal of Insect Physiology, 2016, 88, 15-23.	2.0	2
44	Spontaneous mutations and the origin and maintenance of quantitative genetic variation. ELife, 2016, 5, .	6.0	63
45	Genetic Architecture of Micro-Environmental Plasticity in Drosophila melanogaster. Scientific Reports, 2015, 5, 9785.	3.3	59
46	Polymorphisms in early neurodevelopmental genes affect natural variation in alcohol sensitivity in adult drosophila. BMC Genomics, 2015, 16, 865.	2.8	54
47	Accounting for Genetic Architecture Improves Sequence Based Genomic Prediction for a Drosophila Fitness Trait. PLoS ONE, 2015, 10, e0126880.	2.5	50
48	Quantitative Genetics of Food Intake in Drosophila melanogaster. PLoS ONE, 2015, 10, e0138129.	2.5	84
49	The Genomic Basis of Postponed Senescence in Drosophila melanogaster. PLoS ONE, 2015, 10, e0138569.	2.5	40
50	Heritable Variation in Courtship Patterns in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2015, 5, 531-539.	1.8	41
51	Longevity GWAS Using theDrosophilaGenetic Reference Panel. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1470-1478.	3.6	105
52	The genetic basis of natural variation in mushroom body size in Drosophila melanogaster. Nature Communications, 2015, 6, 10115.	12.8	48
53	Genetic basis of natural variation in body pigmentation inDrosophila melanogaster. Fly, 2015, 9, 75-81.	1.7	13
54	The Genetic Basis for Variation in Olfactory Behavior in Drosophila melanogaster. Chemical Senses, 2015, 40, 233-243.	2.0	71

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55	Genetic architecture of natural variation in Drosophila melanogaster aggressive behavior. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3555-63.	7.1	115
56	Genetic Architecture of Abdominal Pigmentation in Drosophila melanogaster. PLoS Genetics, 2015, 11, e1005163.	3.5	89
57	Genetic mapping uncovers cis-regulatory landscape of RNA editing. Nature Communications, 2015, 6, 8194.	12.8	76
58	Genetic Control of Environmental Variation of Two Quantitative Traits of Drosophila melanogaster Revealed by Whole-Genome Sequencing. Genetics, 2015, 201, 487-497.	2.9	19
59	Genetic basis of transcriptome diversity in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6010-9.	7.1	134
60	Dissecting the genetic architecture of behavior in Drosophila melanogaster. Current Opinion in Behavioral Sciences, 2015, 2, 1-7.	3.9	6
61	Epistasis for Quantitative Traits in Drosophila. Methods in Molecular Biology, 2015, 1253, 47-70.	0.9	34
62	The Effects of Royal Jelly on Fitness Traits and Gene Expression in Drosophila melanogaster. PLoS ONE, 2015, 10, e0134612.	2.5	19
63	Genetic architecture of natural variation in cuticular hydrocarbon composition in Drosophila melanogaster. ELife, 2015, 4, .	6.0	121
64	Transcriptional and epigenetic responses to mating and aging in Drosophila melanogaster. BMC Genomics, 2014, 15, 927.	2.8	38
65	Natural variation in genome architecture among 205 Drosophila melanogaster Genetic Reference Panel lines. Genome Research, 2014, 24, 1193-1208.	5.5	565
66	Intrapopulation Genome Size Variation in D. melanogaster Reflects Life History Variation and Plasticity. PLoS Genetics, 2014, 10, e1004522.	3.5	64
67	Genetics and genomics of alcohol sensitivity. Molecular Genetics and Genomics, 2014, 289, 253-269.	2.1	47
68	Epistasis and quantitative traits: using model organisms to study geneâ€“gene interactions. Nature Reviews Genetics, 2014, 15, 22-33.	16.3	730
69	Why epistasis is important for tackling complex human disease genetics. Genome Medicine, 2014, 6, 124.	8.2	130
70	Genome-Wide Association Analysis of Tolerance to Methylmercury Toxicity in Drosophila Implicates Myogenic and Neuromuscular Developmental Pathways. PLoS ONE, 2014, 9, e110375.	2.5	42
71	Genome-wide association study of sleep in Drosophila melanogaster. BMC Genomics, 2013, 14, 281.	2.8	131
72	Genomic response to selection for postponed senescence in Drosophila. Mechanisms of Ageing and Development, 2013, 134, 79-88.	4.6	12

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73	Analysis of natural variation reveals neurogenetic networks for Drosophila olfactory behavior. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1017-1022.	7.1	95
74	Phenotypic Plasticity of the Drosophila Transcriptome. PLoS Genetics, 2012, 8, e1002593.	3.5	107
75	Using Whole-Genome Sequence Data to Predict Quantitative Trait Phenotypes in Drosophila melanogaster. PLoS Genetics, 2012, 8, e1002685.	3.5	191
76	Genomic Variation and Its Impact on Gene Expression in Drosophila melanogaster. PLoS Genetics, 2012, 8, e1003055.	3.5	102
77	Extensive epistasis for olfactory behaviour, sleep and waking activity inDrosophila melanogaster. Genetical Research, 2012, 94, 9-20.	0.9	26
78	The Drosophila melanogaster Genetic Reference Panel. Nature, 2012, 482, 173-178.	27.8	1,756
79	The genetic basis of alcoholism: multiple phenotypes, many genes, complex networks. Genome Biology, 2012, 13, 239.	9.6	49
80	Genetics of Aggression. Annual Review of Genetics, 2012, 46, 145-164.	7.6	113
81	Nuclear genomic control of naturally occurring variation in mitochondrial function in Drosophila melanogaster. BMC Genomics, 2012, 13, 659.	2.8	19
82	Epistasis dominates the genetic architecture of Drosophila quantitative traits. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15553-15559.	7.1	348
83	Genome-Wide Association for Sensitivity to Chronic Oxidative Stress in Drosophila melanogaster. PLoS ONE, 2012, 7, e38722.	2.5	82
84	Genome-Wide Association Analysis of Oxidative Stress Resistance in Drosophila melanogaster. PLoS ONE, 2012, 7, e34745.	2.5	127
85	The future of model organisms in human disease research. Nature Reviews Genetics, 2011, 12, 575-582.	16.3	66
86	Complex genetic architecture of Drosophila aggressive behavior. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17070-17075.	7.1	68
87	Transcriptional Networks for Alcohol Sensitivity in Drosophila melanogaster. Genetics, 2011, 187, 1193-1205.	2.9	27
88	Functional genome annotation ofDrosophilaseminal fluid proteins using transcriptional genetic networks. Genetical Research, 2011, 93, 387-395.	0.9	29
89	Quantitative trait locus mapping of gravitaxis behaviour in Drosophila melanogaster. Genetical Research, 2010, 92, 167-174.	0.9	4
90	Systems genetics analysis of body weight and energy metabolism traits in Drosophila melanogaster. BMC Genomics, 2010, 11, 297.	2.8	84

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91	Mutations and quantitative genetic variation: lessons fromDrosophila. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1229-1239.	4.0	87
92	Natural Variation in Odorant Recognition Among Odorant-Binding Proteins in Drosophila melanogaster. Genetics, 2010, 184, 759-767.	2.9	35
93	Quantitative and Molecular Genetic Analyses of Mutations Increasing Drosophila Life Span. PLoS Genetics, 2010, 6, e1001037.	3.5	84
94	Natural Variation, Functional Pleiotropy and Transcriptional Contexts of Odorant Binding Protein Genes in Drosophila melanogaster. Genetics, 2010, 186, 1475-1485.	2.9	57
95	Tuning the chemosensory window. Fly, 2010, 4, 230-235.	1.7	4
96	Overexpression of Myocilin in the Drosophila Eye Activates the Unfolded Protein Response: Implications for Glaucoma. PLoS ONE, 2009, 4, e4216.	2.5	41
97	Genetic architecture of quantitative traits in mice, flies, and humans. Genome Research, 2009, 19, 723-733.	5.5	385
98	Quantitative Trait Loci for Aggressive Behavior inDrosophila melanogaster. Genetics, 2009, 182, 889-897.	2.9	37
99	Alcohol Sensitivity in Drosophila: Translational Potential of Systems Genetics. Genetics, 2009, 183, 733-745.	2.9	45
100	Epistatic interactions attenuate mutations affecting startle behaviour inDrosophila melanogaster. Genetical Research, 2009, 91, 373-382.	0.9	37
101	The genetic architecture of complex behaviors: lessons from Drosophila. Genetica, 2009, 136, 295-302.	1.1	36
102	Mutations in many genes affect aggressive behavior in Drosophila melanogaster. BMC Biology, 2009, 7, 29.	3.8	85
103	Q&A: Genetic Analysis of Quantitative Traits. Journal of Biology, 2009, 8, 23.	2.7	51
104	Finding the missing heritability of complex diseases. Nature, 2009, 461, 747-753.	27.8	7,490
105	Co-regulated transcriptional networks contribute to natural genetic variation in Drosophila sleep. Nature Genetics, 2009, 41, 371-375.	21.4	91
106	Systems genetics of complex traits in Drosophila melanogaster. Nature Genetics, 2009, 41, 299-307.	21.4	490
107	The genetics of quantitative traits: challenges and prospects. Nature Reviews Genetics, 2009, 10, 565-577.	16.3	1,061
108	A-maize-ing Diversity. Science, 2009, 325, 688-689.	12.6	19

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109	A transcriptional network associated with natural variation in Drosophila aggressive behavior. Genome Biology, 2009, 10, R76.	9.6	53
110	Phenotypic Plasticity and Genotype by Environment Interaction for Olfactory Behavior inDrosophila melanogaster. Genetics, 2008, 179, 1079-1088.	2.9	64
111	Neurogenetic networks for startle-induced locomotion in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12393-12398.	7.1	82
112	Pleiotropic Effects of Drosophila neuralized on Complex Behaviors and Brain Structure. Genetics, 2008, 179, 1327-1336.	2.9	32
113	What prevents transposable elements from taking over the genome? a commentary on â€˜A test for the role of natural selection in the stabilization of transposable element copy number in a population ofDrosophila melanogasterâ€™ by Elizabeth Montgomery, Brian Charlesworth and Charles H. Langley. Genetical Research, 2007, 89, 433-434.	0.9	2
114	The Early Developmental Gene Semaphorin 5c Contributes to Olfactory Behavior in Adult Drosophila. Genetics, 2007, 176, 947-956.	2.9	18
115	Wild populations are smaller than we think: a commentary on â€˜Effective population size/adult population size ratios in wildlife: a reviewâ€™ by Richard Frankham. Genetical Research, 2007, 89, 489-489.	0.9	2
116	Association of Polymorphisms in Odorant-Binding Protein Genes With Variation in Olfactory Response to Benzaldehyde in Drosophila. Genetics, 2007, 177, 1655-1665.	2.9	43
117	Phenotypic and transcriptional response to selection for alcohol sensitivity in Drosophila melanogaster. Genome Biology, 2007, 8, R231.	9.6	72
118	Quantitative genomics of locomotor behavior in Drosophila melanogaster. Genome Biology, 2007, 8, R172.	9.6	68
119	Speed-mapping quantitative trait loci using microarrays. Nature Methods, 2007, 4, 839-841.	19.0	41
120	Candidate genes affecting Drosophila life span identified by integrating microarray gene expression analysis and QTL mapping. Mechanisms of Ageing and Development, 2007, 128, 237-249.	4.6	61
121	Ainâ€™t misbehavinâ€™? Genotypeâ€“environment interactions and the genetics of behavior. Trends in Genetics, 2007, 23, 311-314.	6.7	33
122	Transcriptional response to alcohol exposure in Drosophila melanogaster. Genome Biology, 2006, 7, R95.	9.6	90
123	Of Flies and Man:Drosophilaas a Model for Human Complex Traits. Annual Review of Genomics and Human Genetics, 2006, 7, 339-367.	6.2	80
124	Pleiotropic fitness effects of the Tre1-Gr5a region in Drosophila melanogaster. Nature Genetics, 2006, 38, 824-829.	21.4	27
125	Phenotypic Variation and Natural Selection at Catsup, a Pleiotropic Quantitative Trait Gene in Drosophila. Current Biology, 2006, 16, 912-919.	3.9	92
126	Quantitative Trait Loci for Locomotor Behavior in Drosophila melanogaster. Genetics, 2006, 174, 271-284.	2.9	66

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127	Quantitative Genomics of Aggressive Behavior in Drosophila melanogaster. PLoS Genetics, 2006, 2, e154.	3.5	165
128	Dynamic Genetic Interactions Determine Odor-Guided Behavior in Drosophila melanogaster. Genetics, 2006, 174, 1349-1363.	2.9	79
129	The Genetic Basis of Postzygotic Reproductive Isolation Between Drosophila santomea and D. yakuba Due to Hybrid Male Sterility. Genetics, 2006, 173, 225-233.	2.9	62
130	High-Resolution Mapping of Quantitative Trait Loci Affecting Increased Life Span in Drosophila melanogaster. Genetics, 2006, 173, 1455-1463.	2.9	30
131	The Genetic Basis of Prezygotic Reproductive Isolation Between Drosophila santomea and D. yakuba Due to Mating Preference. Genetics, 2006, 173, 215-223.	2.9	47
132	Quantitative Trait Loci With Age-Specific Effects on Fecundity in Drosophila melanogaster. Genetics, 2006, 172, 1595-1605.	2.9	51
133	Pinocchio, a novel protein expressed in the antenna, contributes to olfactory behavior in Drosophila melanogaster. Journal of Neurobiology, 2005, 63, 146-158.	3.6	22
134	Microclinal variation for ovariole number and body size in Drosophila melanogaster in ?Evolution Canyon?. Genetica, 2005, 123, 263-270.	1.1	10
135	Drosophilabristles and the nature of quantitative genetic variation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 1513-1527.	4.0	134
136	Genetics and genomics of Drosophila mating behavior. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6622-6629.	7.1	128
137	Polygenic Mutation in Drosophila melanogaster. Genetics, 2005, 170, 1723-1735.	2.9	16
138	Quantitative Trait Loci Affecting the Difference in Pigmentation Between Drosophila yakuba and D. santomea. Genetics, 2005, 171, 211-225.	2.9	48
139	Quantitative genomics of starvation stress resistance in Drosophila. Genome Biology, 2005, 6, R36.	9.6	94
140	Complex Genetic Architecture of Drosophila Longevity. , 2005, , 181-216.		12
141	Genetic dissection of quantitative traits. , 2004, , 51-73.		6
142	Quantitative Trait Loci for Sexual Isolation Between Drosophila simulans and D. mauritiana. Genetics, 2004, 167, 1265-1274.	2.9	46
143	The Quantitative Genetic Basis of Male Mating Behavior in Drosophila melanogaster. Genetics, 2004, 167, 1249-1263.	2.9	66
144	Quantitative Trait Loci Affecting Starvation Resistance in Drosophila melanogaster. Genetics, 2004, 166, 1807-1823.	2.9	115

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145	No Evidence for an Association Between Common Nonsynonymous Polymorphisms in Delta and Bristle Number Variation in Natural and Laboratory Populations of Drosophila melanogaster. Genetics, 2004, 166, 291-306.	2.9	35
146	Shuttle craft: a candidate quantitative trait gene for Drosophila lifespan. Aging Cell, 2004, 3, 297-307.	6.7	43
147	Complementing complexity. Nature Genetics, 2004, 36, 1145-1147.	21.4	26
148	Quantitative genetic analyses of complex behaviours in Drosophila. Nature Reviews Genetics, 2004, 5, 838-849.	16.3	127
149	Quantitative trait loci affecting natural variation in Drosophila longevity. Mechanisms of Ageing and Development, 2004, 125, 179-189.	4.6	50
150	The genetic architecture of quantitative traits: lessons from Drosophila. Current Opinion in Genetics and Development, 2004, 14, 253-257.	3.3	198
151	Quantitative Trait Loci Affecting Starvation Resistance in Drosophila melanogaster. Genetics, 2004, 166, 1807-1823.	2.9	33
152	Methods for Genetic Dissection of Complex Traits. Science of Aging Knowledge Environment: SAGE KE, 2004, 2004, pe17-pe17.	0.8	0
153	Dopa decarboxylase (Ddc) affects variation in Drosophila longevity. Nature Genetics, 2003, 34, 429-433.	21.4	176
154	The genetic architecture of odor-guided behavior in Drosophila: epistasis and the transcriptome. Nature Genetics, 2003, 35, 180-184.	21.4	125
155	Scribble Is Essential for Olfactory Behavior in Drosophila melanogaster. Genetics, 2003, 164, 1447-1457.	2.9	27
156	Heterogeneous Selection at Specific Loci in Natural Environments in Arabidopsis thaliana. Genetics, 2003, 165, 321-329.	2.9	119
157	Genotype-Environment Interactions at Quantitative Trait Loci Affecting Inflorescence Development inArabidopsis thaliana. Genetics, 2003, 165, 353-365.	2.9	151
158	Transcription Profiling in Drosophila Eyes That Overexpress the Human Glaucoma-Associated Trabecular Meshwork-Inducible Glucocorticoid Response Protein/Myocilin (TIGR/MYOC). Genetics, 2003, 163, 637-645.	2.9	23
159	Association of single-nucleotide polymorphisms at the Delta locus with genotype by environment interaction for sensory bristle number in Drosophila melanogaster. Genetical Research, 2002, 79, 211-218.	0.9	14
160	The Complex Genetic Architecture of Drosophila Life Span. Experimental Aging Research, 2002, 28, 361-390.	1.2	66
161	The nature of quantitative genetic variation for Drosophila longevity. Mechanisms of Ageing and Development, 2002, 123, 95-104.	4.6	35
162	Quantitative Trait Loci for Inflorescence Development in Arabidopsis thaliana. Genetics, 2002, 160, 1133-1151.	2.9	124

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163	The DSC1 Channel, Encoded by the smi60E Locus, Contributes to Odor-Guided Behavior in Drosophila melanogaster. Genetics, 2002, 161, 1507-1516.	2.9	46
164	hairy: A Quantitative Trait Locus for Drosophila Sensory Bristle Number. Genetics, 2002, 162, 155-164.	2.9	58
165	Vanaso Is a Candidate Quantitative Trait Gene for Drosophila Olfactory Behavior. Genetics, 2002, 162, 1321-1328.	2.9	55
166	The Genetic Architecture of Drosophila Sensory Bristle Number. Genetics, 2002, 162, 1655-1674.	2.9	89
167	Novel Loci Control Variation in Reproductive Timing in Arabidopsis thaliana in Natural Environments. Genetics, 2002, 162, 1875-1884.	2.9	144
168	The Genetic Architecture of Quantitative Traits. Annual Review of Genetics, 2001, 35, 303-339.	7.6	985
169	The Genetic Architecture of Quantitative Traits. , 2001, , 389-409.		5
170	The genetic architecture of odor-guided behavior in Drosophila melanogaster. , 2001, 31, 17-27.		31
171	Quantitative trait loci in Drosophila. Nature Reviews Genetics, 2001, 2, 11-20.	16.3	370
172	Genotype-Environment Interaction for Quantitative Trait Loci Affecting Life Span in Drosophila melanogaster. Genetics, 2000, 154, 213-227.	2.9	303
173	Both Naturally Occurring Insertions of Transposable Elements and Intermediate Frequency Polymorphisms at the achaete-scute Complex Are Associated With Variation in Bristle Number in Drosophila melanogaster. Genetics, 2000, 154, 1255-1269.	2.9	99
174	Quantitative Trait Loci for Life Span in Drosophila melanogaster: Interactions With Genetic Background and Larval Density. Genetics, 2000, 155, 1773-1788.	2.9	222
175	Deficiency Mapping of Quantitative Trait Loci Affecting Longevity in Drosophila melanogaster. Genetics, 2000, 156, 1129-1146.	2.9	126
176	Quantitative Trait Loci for Floral Morphology in Arabidopsis thaliana. Genetics, 2000, 156, 1379-1392.	2.9	96
177	Linkage disequilibrium mapping of molecular polymorphisms at the scabrous locus associated with naturally occurring variation in bristle number in Drosophila melanogaster. Genetical Research, 1999, 74, 303-311.	0.9	61
178	High-Resolution Mapping of Quantitative Trait Loci for Sternopleural Bristle Number in Drosophila melanogaster. Genetics, 1999, 152, 1585-1604.	2.9	102
179	The Genetic Architecture of Selection Response: Inferences From Fine-Scale Mapping of Bristle Number Quantitative Trait Loci in Drosophila melanogaster. Genetics, 1999, 153, 1317-1331.	2.9	55
180	Title is missing!. Genetica, 1998, 102/103, 199-215.	1.1	10

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181	QTL mapping of genotypeâ€“environment interaction for fitness in Drosophila melanogaster. Genetical Research, 1998, 71, 133-141.	0.9	73
182	Pervasive effects of P element mutagenesis on body size in Drosophila melanogaster. Genetical Research, 1998, 72, 19-24.	0.9	8
183	Quantitative Genetics of Ovariole Number in Drosophila melanogaster. II. Mutational Variation and Genotype-Environment Interaction. Genetics, 1998, 148, 201-210.	2.9	47
184	Heterosis for Viability, Fecundity, and Male Fertility in Drosophila melanogaster: Comparison of Mutational and Standing Variation. Genetics, 1998, 148, 1171-1188.	2.9	31
185	Epistatic Interactions Between smell-impaired Loci in Drosophila melanogaster. Genetics, 1998, 148, 1885-1891.	2.9	70
186	quemao, a Drosophila Bristle Locus, Encodes Geranylgeranyl Pyrophosphate Synthase. Genetics, 1998, 149, 1051-1061.	2.9	37
187	Candidate Quantitative Trait Loci and Naturally Occurring Phenotypic Variation for Bristle Number in Drosophila melanogaster: The Delta-Hairless Gene Region. Genetics, 1998, 149, 983-998.	2.9	66
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