Brian Charlesworth

List of Publications by Year
in descending order

232 papers	26,547 citations	11639 70 h-index	8156 148 g-index
264 all docs	264 docs citations	264 times ranked	16125 citing authors

#	Article	IF	Citations
1	The effects of weak selection on neutral diversity at linked sites. Genetics, 2022, 221, .	1.2	10
2	Fisherâ€™s historic 1922 paper On the dominance ratio. Genetics, 2022, 220, .	1.2	3
3	William G. Hill (August 7, 1940 â€“ December 17, 2021). Evolution; International Journal of Organic Evolution, 2022, 76, 817-820.	1.1	0
4	Recommendations for improving statistical inference in population genomics. PLoS Biology, 2022, 20, e3001669.	2.6	60
5	How Can We Resolve Lewontinâ€™s Paradox?. Genome Biology and Evolution, 2022, 14, .	1.1	24
6	From Mendel to quantitative genetics in the genome era: the scientific legacy of W. G. Hill. Nature Genetics, 2022, 54, 934-939.	9.4	3
7	The Impact of Purifying and Background Selection on the Inference of Population History: Problems and Prospects. Molecular Biology and Evolution, 2021, 38, 2986-3003.	3.5	56
8	Studying models of balancing selection using phase-type theory. Genetics, 2021, 218, .	1.2	14
9	Revisiting the notion of deleterious sweeps. Genetics, 2021, 219, .	1.2	14
10	On the fixation or nonfixation of inversions under epistatic selection. Molecular Ecology, 2021, 30, 3896-3897.	2.0	6
11	Evidence for a force favoring GC over AT at short intronic sites in Drosophila simulans and Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	3
12	Richard C. Lewontin (1929â€“2021). Current Biology, 2021, 31, R1020-R1022.	1.8	1
13	The outstanding scientist, R.A. Fisher: his views on eugenics and race. Heredity, 2021, 126, 565-576.	1.2	6
14	Effects of Selection at Linked Sites on Patterns of Genetic Variability. Annual Review of Ecology, Evolution, and Systematics, 2021, 52, 177-197.	3.8	64
15	Patterns of Genetic Variability in Genomic Regions with Low Rates of Recombination. Current Biology, 2020, 30, 94-100.e3.	1.8	39
16	Evolution: A New Idea about the Degeneration of Y and W Chromosomes. Current Biology, 2020, 30, R871-R873.	1.8	7
17	How Good Are Predictions of the Effects of Selective Sweeps on Levels of Neutral Diversity?. Genetics, 2020, 216, 1217-1238.	1.2	18
18	Toward an Evolutionarily Appropriate Null Model: Jointly Inferring Demography and Purifying Selection. Genetics, 2020, 215, 173-192.	1.2	119

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19	How Long Does It Take to Fix a Favorable Mutation, and Why Should We Care?. American Naturalist, 2020, 195, 753-771.	1.0	23
20	The determinants of genetic diversity in butterflies. Nature Communications, 2019, 10, 3466.	5.8	80
21	In defence of doing sums in genetics. Heredity, 2019, 123, 44-49.	1.2	0
22	The Effects on Neutral Variability of Recurrent Selective Sweeps and Background Selection. Genetics, 2019, 212, 287-303.	1.2	55
23	Selective effects of heterozygous protein-truncating variants. Nature Genetics, 2019, 51, 2-2.	9.4	20
24	The importance of the Neutral Theory in 1968 and 50 years on: A response to Kern and Hahn 2018. Evolution; International Journal of Organic Evolution, 2019, 73, 111-114.	1.1	123
25	Neutral Variation in the Context of Selection. Molecular Biology and Evolution, 2018, 35, 1359-1361.	3.5	16
26	Fasterâ€X evolution: Theory and evidence from Drosophila. Molecular Ecology, 2018, 27, 3753-3771.	2.0	91
27	The Effects of Sex-Biased Gene Expression and X-Linkage on Rates of Sequence Evolution in Drosophila. Molecular Biology and Evolution, 2018, 35, 655-665.	3.5	14
28	Evolution: Increased Recombination Caused byÂaÂSingle Gene. Current Biology, 2018, 28, R342-R344.	1.8	3
29	The Spread of an Inversion with Migration and Selection. Genetics, 2018, 208, 377-382.	1.2	70
30	Mutational load, inbreeding depression and heterosis in subdivided populations. Molecular Ecology, 2018, 27, 4991-5003.	2.0	25
31	A Century of Variance. Significance, 2018, 15, 20-25.	0.3	8
32	Estimating the parameters of background selection and selective sweeps in Drosophila in the presence of gene conversion. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4762-E4771.	3.3	73
33	The sources of adaptive variation. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162864.	1.2	174
34	Haldane and modern evolutionary genetics. Journal of Genetics, 2017, 96, 773-782.	0.4	6
35	Variation in the intensity of selection on codon bias over time causes contrasting patterns of base composition evolution in Drosophila. Genome Biology and Evolution, 2017, 9, evw291.	1.1	38
36	Inferring the Frequency Spectrum of Derived Variants to Quantify Adaptive Molecular Evolution in Protein-Coding Genes of Drosophila melanogaster. Genetics, 2016, 203, 975-984.	1.2	53

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37	Resolving the Conflict Between Associative Overdominance and Background Selection. Genetics, 2016, 203, 1315-1334.	1.2	58
38	Hubby and Lewontin on Protein Variation in Natural Populations: When Molecular Genetics Came to the Rescue of Population Genetics. Genetics, 2016, 203, 1497-1503.	1.2	12
39	What Use Is Population Genetics?. Genetics, 2015, 200, 667-669.	1.2	4
40	The effects of sex-biased gene expression and X-linkage on rates of adaptive protein sequence evolution in Drosophila. Biology Letters, 2015, 11, 20150117.	1.0	21
41	Detecting signatures of selection in nine distinct lines of broiler chickens. Animal Genetics, 2015, 46, 37-49.	0.6	20
42	Causes of natural variation in fitness: Evidence from studies of Drosophila populations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1662-1669.	3.3	157
43	Faster-X Effects in Two Drosophila Lineages. Genome Biology and Evolution, 2014, 6, 2968-2982.	1.1	33
44	Reduced Representation Genome Sequencing Suggests Low Diversity on the Sex Chromosomes of Tonkean Macaque Monkeys. Molecular Biology and Evolution, 2014, 31, 2425-2440.	3.5	16
45	The Relation between Recombination Rate and Patterns of Molecular Evolution and Variation in Drosophila melanogaster. Molecular Biology and Evolution, 2014, 31, 1010-1028.	3.5	144
46	The Relations Between Recombination Rate and Patterns of Molecular Variation and Evolution inDrosophila. Annual Review of Genetics, 2014, 48, 383-403.	3.2	72
47	THE EVOLUTIONARY DYNAMICS OF SEXUALLY ANTAGONISTIC MUTATIONS IN PSEUDOAUTOSOMAL REGIONS OF SEX CHROMOSOMES. Evolution; International Journal of Organic Evolution, 2014, 68, 1339-1350.	1.1	53
48	Purifying Selection, Drift, and Reversible Mutation with Arbitrarily High Mutation Rates. Genetics, 2014, 198, 1587-1602.	1.2	44
49	Stabilizing Selection, Purifying Selection, and Mutational Bias in Finite Populations. Genetics, 2013, 194, 955-971.	1.2	46
50	WHY WE ARE NOT DEAD ONE HUNDRED TIMES OVER. Evolution; International Journal of Organic Evolution, 2013, 67, 3354-3361.	1.1	61
51	The Effect of Nonindependent Mate Pairing on the Effective Population Size. Genetics, 2013, 193, 545-556.	1.2	19
52	Codon Usage Bias and Effective Population Sizes on the X Chromosome versus the Autosomes in Drosophila melanogaster. Molecular Biology and Evolution, 2013, 30, 811-823.	3.5	41
53	Background Selection 20 Years on. Journal of Heredity, 2013, 104, 161-171.	1.0	71
54	Selection on codon usage and base composition inDrosophila americana. Biology Letters, 2012, 8, 82-85.	1.0	12

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55	The Effects of Deleterious Mutations on Evolution at Linked Sites. Genetics, 2012, 190, 5-22.	1.2	275
56	Molecular Evolution in Nonrecombining Regions of the Drosophila melanogaster Genome. Genome Biology and Evolution, 2012, 4, 278-288.	1.1	51
57	The Role of Background Selection in Shaping Patterns of Molecular Evolution and Variation: Evidence from Variability on the Drosophila X Chromosome. Genetics, 2012, 191, 233-246.	1.2	101
58	Mimicry: The Hunting of the Supergene. Current Biology, 2011, 21, R846-R848.	1.8	10
59	The Joint Effects of Background Selection and Genetic Recombination on Local Gene Genealogies. Genetics, 2011, 189, 251-266.	1.2	59
60	Biased Gene Conversion Affects Patterns of Codon Usage and Amino Acid Usage in the Saccharomyces sensu stricto Group of Yeasts. Molecular Biology and Evolution, 2011, 28, 117-129.	3.5	51
61	A Method for Inferring the Rate of Occurrence and Fitness Effects of Advantageous Mutations. Genetics, 2011, 189, 1427-1437.	1.2	111
62	Ancestral polymorphisms inDrosophila pseudoobscuraandDrosophila miranda. Genetical Research, 2011, 93, 255-263.	0.3	10
63	Determinants of Synonymous and Nonsynonymous Variability in Three Species of Drosophila. Molecular Biology and Evolution, 2011, 28, 1731-1743.	3.5	36
64	Studying Patterns of Recent Evolution at Synonymous Sites and Intronic Sites in Drosophila melanogaster. Journal of Molecular Evolution, 2010, 70, 116-128.	0.8	54
65	Sex Determination: A Worm Does It by Elimination. Current Biology, 2010, 20, R841-R843.	1.8	3
66	EFFECTIVE POPULATION SIZE AND THE FASTER-X EFFECT: EMPIRICAL RESULTS AND THEIR INTERPRETATION. Evolution; International Journal of Organic Evolution, 2010, 64, 663-674.	1.1	181
67	Estimating the Parameters of Selection on Nonsynonymous Mutations inDrosophila pseudoobscuraandD. miranda. Genetics, 2010, 185, 1381-1396.	1.2	61
68	Genetics and the causes of evolution: 150 years of progress since Darwin. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2427-2429.	1.8	2
69	Variation Catches a Ride. Science, 2010, 330, 326-327.	6.0	5
70	The Effects of Demography and Linkage on the Estimation of Selection and Mutation Parameters. Genetics, 2010, 186, 1411-1424.	1.2	27
71	Muller's Ratchet and the Degeneration of theDrosophila mirandaNeo-YChromosome. Genetics, 2010, 185, 339-348.	1.2	58
72	Molecular population genomics: a short history. Genetical Research, 2010, 92, 397-411.	0.3	25

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73	Darwin and Genetics. Genetics, 2009, 183, 757-766.	1.2	48
74	Estimating Selection Intensity on Synonymous Codon Usage in a Nonequilibrium Population. Genetics, 2009, 183, 651-662.	1.2	55
75	Recombination Rates May Affect the Ratio of X to Autosomal Noncoding Polymorphism in African Populations of Drosophila melanogaster. Genetics, 2009, 181, 1699-1701.	1.2	33
76	The effects of deleterious mutations on evolution in non-recombining genomes. Trends in Genetics, 2009, 25, 9-12.	2.9	132
77	Reduced Effectiveness of Selection Caused by a Lack of Recombination. Current Biology, 2009, 19, 655-660.	1.8	121
78	Effective population size and patterns of molecular evolution and variation. Nature Reviews Genetics, 2009, 10, 195-205.	7.7	1,339
79	EFFECTIVE POPULATION SIZE AND THE FASTER-X EFFECT: AN EXTENDED MODEL. Evolution; International Journal of Organic Evolution, 2009, 63, 2413-2426.	1.1	181
80	The Deficit of Male-Biased Genes on the D. melanogaster X Chromosome Is Expression-Dependent: A Consequence of Dosage Compensation?. Journal of Molecular Evolution, 2009, 68, 576-583.	0.8	76
81	Non-neutral processes drive the nucleotide composition of non-coding sequences inDrosophila. Biology Letters, 2008, 4, 438-441.	1.0	40
82	Elevated levels of expression associated with regions of the Drosophila genome that lack crossing over. Biology Letters, 2008, 4, 758-761.	1.0	15
83	A multispecies approach for comparing sequence evolution of X-linked and autosomal sites inDrosophila. Genetical Research, 2008, 90, 421-431.	0.3	29
84	The Evolution of Chromosomal Sex Determination. Novartis Foundation Symposium, 2008, , 207-224.	1.2	46
85	Chromosome-wide linkage disequilibrium as a consequence of meiotic drive. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1587-1592.	3.3	123
86	Mutation-selection balance and the evolutionary advantage of sex and recombination. Genetical Research, 2007, 89, 451-473.	0.3	5
87	Linkage Disequilibrium and Recombination Rate Estimates in the Self-Incompatibility Region of Arabidopsis lyrata. Genetics, 2007, 176, 2357-2369.	1.2	43
88	Background Selection in Single Genes May Explain Patterns of Codon Bias. Genetics, 2007, 175, 1381-1393.	1.2	60
89	Patterns of Molecular Variation and Evolution in Drosophila americana and Its Relatives. Genetics, 2007, 176, 2293-2305.	1.2	24
90	Selection responses of means and inbreeding depression for female fecundity in Drosophila melanogaster suggest contributions from intermediate-frequency alleles to quantitative trait variation. Genetical Research, 2007, 89, 85-91.	0.3	37

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91	Reduced efficacy of selection in regions of the Drosophila genome that lack crossing over. Genome Biology, 2007, 8, R18.	13.9	140
92	Why bother? The evolutionary genetics of sex. Daedalus, 2007, 136, 37-46.	0.9	13
93	Direct estimation of per nucleotide and genomic deleterious mutation rates in Drosophila. Nature, 2007, 445, 82-85.	13.7	381
94	INBREEDING AND OUTBREEDING DEPRESSION IN CAENORHABDITIS NEMATODES. Evolution; International Journal of Organic Evolution, 2007, 61, 1339-1352.	1.1	179
95	A hitch-hiking guide to the genome: a commentary on â€˜The hitch-hiking effect of a favourable geneâ€™ by John Maynard Smith and John Haigh. Genetical Research, 2007, 89, 389-390.	0.3	25
96	Inferring the distribution of mutational effects on fitness in Drosophila. Biology Letters, 2006, 2, 426-430.	1.0	81
97	Evolution on the X chromosome: unusual patterns and processes. Nature Reviews Genetics, 2006, 7, 645-653.	7.7	456
98	The Evolutionary Biology of Sex. Current Biology, 2006, 16, R693-R695.	1.8	14
99	Selection Intensity on Preferred Codons Correlates with Overall Codon Usage Bias in Caenorhabditis remanei. Current Biology, 2006, 16, 2053-2057.	1.8	48
100	Rates and Patterns of Chromosomal Evolution in Drosophila pseudoobscura and D. miranda. Genetics, 2006, 173, 779-791.	1.2	31
101	Evolution of Amino-Acid Sequences and Codon Usage on the Drosophila miranda Neo-Sex Chromosomes. Genetics, 2006, 174, 2033-2044.	1.2	47
102	The Fate of Transposable Elements in Asexual Populations. Genetics, 2006, 174, 817-827.	1.2	123
103	Estimating Selection on Nonsynonymous Mutations. Genetics, 2006, 172, 1079-1092.	1.2	111
104	John Maynard Smith. 6 January 1920 â€“ 19 April2004. Biographical Memoirs of Fellows of the Royal Society, 2005, 51, 253-265.	0.1	7
105	EVOLUTION: On the Origins of Novelty and Variation. Science, 2005, 310, 1619-1620.	6.0	7
106	Patterns of Selection on Synonymous and Nonsynonymous Variants in Drosophila miranda. Genetics, 2005, 169, 1495-1507.	1.2	44
107	Multilocus patterns of nucleotide variability and the demographic and selection history of Drosophila melanogaster populations. Genome Research, 2005, 15, 790-799.	2.4	247
108	The detection of shared and ancestral polymorphisms. Genetical Research, 2005, 86, 149-157.	0.3	46

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109	Patterns of intron sequence evolution in Drosophila are dependent upon length and GC content. Genome Biology, 2005, 6, R67.	13.9	158
110	The population genetics of life-history evolution. , 2004, , 216-232.		2
111	Age-specific mortality rates of reproducing and non-reproducing males of Drosophila melanogaster. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 2517-2522.	1.2	13
112	Estimates of the Genomic Mutation Rate for Detrimental Alleles in Drosophila melanogasterDedicated to the memory of Terami Mukai, whose pioneering paper on mutation accumulation appeared in Genetics 40 years ago.. Genetics, 2004, 167, 815-826.	1.2	55
113	Selection on Codon Usage in Drosophila americana. Current Biology, 2004, 14, 150-154.	1.8	65
114	Genome Size: Does Bigger Mean Worse?. Current Biology, 2004, 14, R233-R235.	1.8	60
115	John Maynard Smith (1920â€“2004). Current Biology, 2004, 14, R365-R366.	1.8	1
116	Sex Determination: Primitive Y Chromosomes in Fish. Current Biology, 2004, 14, R745-R747.	1.8	30
117	John Maynard Smith. Genetics, 2004, 168, 1105-1109.	1.2	14
118	A polygenic basis for late-onset disease. Trends in Genetics, 2003, 19, 97-106.	2.9	158
119	NO ASSOCIATION BETWEEN MITOCHONDRIAL DNA HAPLOTYPES AND A FEMALE-LIMITED MIMICRY PHENOTYPE IN PAPILIO GLAUCUS. Evolution; International Journal of Organic Evolution, 2003, 57, 305-316.	1.1	28
120	Sex Determination in the Honeybee. Cell, 2003, 114, 397-398.	13.5	10
121	The organization and evolution of the human Y chromosome. Genome Biology, 2003, 4, 226.	13.9	37
122	The Effects of Genetic and Geographic Structure on Neutral Variation. Annual Review of Ecology, Evolution, and Systematics, 2003, 34, 99-125.	3.8	215
123	Unusual pattern of single nucleotide polymorphism at the exuperantia2 locus of Drosophila pseudoobscura. Genetical Research, 2003, 82, 101-106.	0.3	2
124	A Survey of Chromosomal and Nucleotide Sequence Variation in Drosophila miranda. Genetics, 2003, 164, 1369-1381.	1.2	29
125	Evolutionary Genetics: The Evils of Abstinence From Sex. Current Biology, 2002, 12, R56-R58.	1.8	3
126	Effective population size. Current Biology, 2002, 12, R716-R717.	1.8	25

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127	Reduced adaptation of a non-recombining neo-Y chromosome. Nature, 2002, 416, 323-326.	13.7	208
128	Patterns of Genetic Variation at a Chromosome 4 Locus of Drosophila melanogaster and D. simulans. Genetics, 2002, 160, 493-507.	1.2	77
129	Muller's Ratchet and the Pattern of Variation at a Neutral Locus. Genetics, 2002, 161, 835-848.	1.2	107
130	Effective Population Size and Population Subdivision in Demographically Structured Populations. Genetics, 2002, 162, 501-519.	1.2	129
131	The evolution of chromosomal sex determination. Novartis Foundation Symposium, 2002, 244, 207-19; discussion 220-4, 253-7.	1.2	16
132	The effect of life-history and mode of inheritance on neutral genetic variability. Genetical Research, 2001, 77, 153-166.	0.3	153
133	Rates of movement and distribution of transposable elements in Drosophila melanogaster: in situ hybridization vs Southern blotting data. Genetical Research, 2001, 78, 121-136.	0.3	62
134	The speed of Muller's ratchet with background selection, and the degeneration of Y chromosomes. Genetical Research, 2001, 78, 149-161.	0.3	75
135	Much mathematics of many loci. Journal of Evolutionary Biology, 2001, 14, 682-683.	0.8	0
136	Patterns of Age-specific Means and Genetic Variances of Mortality Rates Predicted by the Mutation-Accumulation Theory of Ageing. Journal of Theoretical Biology, 2001, 210, 47-65.	0.8	210
137	From the monastery to the laboratory. Nature, 2001, 409, 981-982.	13.7	0
138	Genome analysis: More Drosophila Y chromosome genes. Current Biology, 2001, 11, R182-R184.	1.8	20
139	Genetic linkage and molecular evolution. Current Biology, 2001, 11, R684-R686.	1.8	66
140	Evidence for Selection at the fused1 Locus of Drosophila americana. Genetics, 2001, 158, 279-290.	1.2	29
141	Rates of movement of transposable elements on the second chromosome of Drosophila melanogaster. Genetical Research, 2000, 75, 275-284.	0.3	67
142	No pie in the sky, thanks. Nature, 2000, 404, 431-431.	13.7	1
143	Reduced levels of microsatellite variability on the neo-Y chromosome of Drosophila miranda. Current Biology, 2000, 10, 1025-1031.	1.8	55
144	Contrasting Patterns of Molecular Evolution of the Genes on the New and Old Sex Chromosomes of Drosophila miranda. Molecular Biology and Evolution, 2000, 17, 703-717.	3.5	51

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145	The degeneration of Y chromosomes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 1563-1572.	1.8	810
146	Effects of metapopulation processes on measures of genetic diversity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 1851-1864.	1.8	248
147	The Degeneration of Asexual Haploid Populations and the Speed of Muller's Ratchet. Genetics, 2000, 154, 1379-1387.	1.2	141
148	The Effects of Hill-Robertson Interference Between Weakly Selected Mutations on Patterns of Molecular Evolution and Variation. Genetics, 2000, 155, 929-944.	1.2	292
149	Evidence for Selection at thefusedLocus ofDrosophila virilis. Genetics, 2000, 155, 1701-1709.	1.2	12
150	Fisher, Medawar, Hamilton and the Evolution of Aging. Genetics, 2000, 156, 927-931.	1.2	201
151	A Selective Sweep Associated With a Recent Gene Transposition in Drosophila miranda. Genetics, 2000, 156, 1753-1763.	1.2	30
152	On the Speed of Mullerâ€™s Ratchet. Genetics, 2000, 156, 2137-2140.	1.2	67
153	How was the Sdic gene fixed?. Nature, 1999, 400, 519-520.	13.7	24
154	Neutral Genetic Diversity in a Metapopulation with Recurrent Local Extinction and Recolonization. Evolution; International Journal of Organic Evolution, 1999, 53, 664.	1.1	77
155	NEUTRAL GENETIC DIVERSITY IN A METAPOPULATION WITH RECURRENT LOCAL EXTINCTION AND RECOLONIZATION. Evolution; International Journal of Organic Evolution, 1999, 53, 664-676.	1.1	129
156	The effect of background selection at a single locus on weakly selected, partially linked variants. Genetical Research, 1999, 73, 133-146.	0.3	37
157	Evolution and Impact of Transposable Elements. Edited by PIERRE CAPY. Kluwer Academic Publishers, Dordrecht, Netherlands. 1997. ISBN 0-7923-4690-4. 307 pages. Price Â£119.. Genetical Research, 1999, 73, 185-186.	0.3	0
158	Dynamics of inbreeding depression due to deleterious mutations in small populations: mutation parameters and inbreeding rate. Genetical Research, 1999, 74, 165-178.	0.3	249
159	A population genetic model for the evolution of synonymous codon usage: patterns and predictions. Genetical Research, 1999, 74, 145-158.	0.3	141
160	The genetic basis of inbreeding depression. Genetical Research, 1999, 74, 329-340.	0.3	627
161	Reduced Sequence Variability on the NeoY Chromosome of Drosophila americana americana. Genetics, 1999, 153, 221-233.	1.2	61
162	Some evolutionary consequences of deleterious mutations. Genetica, 1998, 102/103, 3-19.	0.5	129

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163	Sequence variation: Looking for effects of genetic linkage. Current Biology, 1998, 8, R658-R661.	1.8	26
164	Sex chromosomes: Evolving dosage compensation. Current Biology, 1998, 8, R931-R933.	1.8	10
165	The effect of synergistic epistasis on the inbreeding load. Genetical Research, 1998, 71, 85-89.	0.3	52
166	Extreme Environmental Change and Evolution. By Ary A. Hoffmann and Peter A. Parsons. Cambridge University Press. 259+xii pages. Price Â£55 hard Â£19.95 paper. ISBN 0521 44107 2 (Hardback), 0521 44659 (Paperback).. Genetical Research, 1998, 71, 91-95.	0.3	0
167	Rates of Spontaneous Mutation. Genetics, 1998, 148, 1667-1686.	1.2	1,672
168	Some evolutionary consequences of deleterious mutations. Contemporary Issues in Genetics and Evolution, 1998, , 3-19.	0.9	39
169	The effects of local selection, balanced polymorphism and background selection on equilibrium patterns of genetic diversity in subdivided populations. Genetical Research, 1997, 70, 155-174.	0.3	668
170	A BIG BOOK AND A SMALL BOOK ON SELECTION. Evolution; International Journal of Organic Evolution, 1997, 51, 1337-1338.	1.1	2
171	The effects of spontaneous mutation on quantitative traits. II. Dominance of mutations with effects on life-history traits. Genetical Research, 1997, 70, 27-34.	0.3	58
172	Rapid fixation of deleterious alleles can be caused by Muller's ratchet. Genetical Research, 1997, 70, 63-73.	0.3	161
173	Endogenous proviruses as â€œmementosâ€?. Nature, 1997, 388, 840-840.	13.7	5
174	Ageing: Levelling of the grim reaper. Current Biology, 1997, 7, R440-R442.	1.8	82
175	Background selection and patterns of genetic diversity inDrosophila melanogaster. Genetical Research, 1996, 68, 131-149.	0.3	269
176	Genetics of Natural Populations. The Continuing Importance of Theodosius Dobzhansky. Edited by Louis Levine. Columbia University Press. 1995. 299 pages. Price Â£52.75, US$79.00 hardback.. Genetical Research, 1996, 67, 195-195.	0.3	0
177	Reductions in genetic variation inDrosophila andE. coli caused by selection at linked sites. Journal of Genetics, 1996, 75, 49-61.	0.4	11
178	The evolution of chromosomal sex determination and dosage compensation. Current Biology, 1996, 6, 149-162.	1.8	502
179	The changing sizes of genes. Nature, 1996, 384, 315-316.	13.7	29
180	The effect of recombination on background selection. Genetical Research, 1996, 67, 159-174.	0.3	311

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181	Ecological Morphology. Integrative Organismal Biology. Edited by Peter C. Wainwright and Stephen M. Reilly. University of Chicago Press. 1994. 367 pages. Price Â£18.25, US$22.95 paper; Â£51.95, US$65.00 cloth. ISBN 0 226 86995 4 paperback; ISBN 0 226 86994 6 hardback.. Genetical Research, 1995, 65, 75-76.	0.3	0
182	Drosophila Inversion Polymorphism. Edited by Costas B. Krimbas and Jeffrey R. Powell. CRC Press. 1992. 560 pages. Hbk. Price Â£151. ISBN 0 8493 6547 3.. Genetical Research, 1995, 65, 247-248.	0.3	0
183	Kauffman's ?origins of order?. Making evolution seem complicated. BioEssays, 1995, 17, 363-365.	1.2	1
184	The distribution of transposable elements within and between chromosomes in a population ofDrosophila melanogaster. III. Element abundances in heterochromatin. Genetical Research, 1994, 64, 183-197.	0.3	93
185	The effect of background selection against deleterious mutations on weakly selected, linked variants. Genetical Research, 1994, 63, 213-227.	0.3	370
186	A genetic analysis of senescence in Drosophila. Nature, 1994, 367, 64-66.	13.7	172
187	The evolutionary dynamics of repetitive DNA in eukaryotes. Nature, 1994, 371, 215-220.	13.7	1,504
188	Evolutionary mechanisms of senescence. Genetica, 1993, 91, 11-19.	0.5	74
189	Directional selection and the evolution of sex and recombination. Genetical Research, 1993, 61, 205-224.	0.3	175
190	Accumulation of P elements in minority inversions in natural populations of Drosophila melanogaster. Genetical Research, 1992, 59, 1-9.	0.3	52
191	The distribution of transposable elements within and between chromosomes in a population of Drosophila melanogaster. I. Element frequencies and distribution. Genetical Research, 1992, 60, 103-114.	0.3	121
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