

Sarah Otto

List of Publications by Year in descending order

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Version: 2024-02-01

184
papers

19,830
citations

15504

65
h-index

14208

128
g-index

205
all docs

205
docs citations

205
times ranked

19307
citing authors

#	ARTICLE	IF	CITATIONS
1	Fixation and effective size in a haploid–diploid population with asexual reproduction. <i>Theoretical Population Biology</i> , 2022, 143, 30-45.	1.1	3
2	The need for linked genomic surveillance of SARS-CoV-2. <i>Canada Communicable Disease Report</i> , 2022, 48, 131-139.	1.3	13
3	Unbalanced selection: the challenge of maintaining a social polymorphism when a supergene is selfish. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	4.0	9
4	Selective Interference and the Evolution of Sex. <i>Journal of Heredity</i> , 2021, 112, 9-18.	2.4	37
5	Coevolution fails to maintain genetic variation in a host–parasite model with constant finite population size. <i>Theoretical Population Biology</i> , 2021, 137, 10-21.	1.1	4
6	Evolution of plasticity in production and transgenerational inheritance of small RNAs under dynamic environmental conditions. <i>PLoS Genetics</i> , 2021, 17, e1009581.	3.5	8
7	The origins and potential future of SARS-CoV-2 variants of concern in the evolving COVID-19 pandemic. <i>Current Biology</i> , 2021, 31, R918-R929.	3.9	246
8	Feedback between coevolution and epidemiology can help or hinder the maintenance of genetic variation in host–parasite models. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 582-599.	2.3	4
9	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
10	Relative genomic impacts of translocation history, hatchery practices, and farm selection in Pacific oyster <i>Crassostrea gigas</i> throughout the Northern Hemisphere. <i>Evolutionary Applications</i> , 2020, 13, 1380-1399.	3.1	13
11	On the evolutionary epidemiology of SARS-CoV-2. <i>Current Biology</i> , 2020, 30, R849-R857.	3.9	160
12	Insights from Fisher's geometric model on the likelihood of speciation under different histories of environmental change. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1603-1619.	2.3	24
13	Genetic Paths to Evolutionary Rescue and the Distribution of Fitness Effects Along Them. <i>Genetics</i> , 2020, 214, 493-510.	2.9	17
14	Crossover Interference: Shedding Light on the Evolution of Recombination. <i>Annual Review of Genetics</i> , 2019, 53, 19-44.	7.6	74
15	Little Evidence of Antagonistic Selection in the Evolutionary Strata of Fungal Mating-Type Chromosomes (<i>Microbotryum lychnidis-dioicae</i>). <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 1987-1998.	1.8	18
16	Evolutionary potential for genomic islands of sexual divergence on recombining sex chromosomes. <i>New Phytologist</i> , 2019, 224, 1241-1251.	7.3	13
17	–Any news?–Special issue in honor of Marcus Feldman's 75th birthday. <i>Theoretical Population Biology</i> , 2019, 129, 1-3.	1.1	1
18	Testing the socioeconomic and environmental determinants of better child-health outcomes in Africa: a cross-sectional study among nations. <i>BMJ Open</i> , 2019, 9, e029968.	1.9	11

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19	A sheep in wolf's clothing: levels of deceit and detection in the evolution of cue-mimicry. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191425.	2.6	2
20	National contributions to global ecosystem values. <i>Conservation Biology</i> , 2019, 33, 1219-1223.	4.7	9
21	Some topics in theoretical population genetics: Editorial commentaries on a selection of Marc Feldman's TPB papers. <i>Theoretical Population Biology</i> , 2019, 129, 4-8.	1.1	1
22	Macroevolutionary Patterns of Flowering Plant Speciation and Extinction. <i>Annual Review of Plant Biology</i> , 2018, 69, 685-706.	18.7	60
23	Keeping Pace with the Red Queen: Identifying the Genetic Basis of Susceptibility to Infectious Disease. <i>Genetics</i> , 2018, 208, 779-789.	2.9	29
24	Joint coevolutionary epidemiological models dampen Red Queen cycles and alter conditions for epidemics. <i>Theoretical Population Biology</i> , 2018, 122, 137-148.	1.1	22
25	Evolution: Zeroing In on the Rate of Genome Doubling. <i>Current Biology</i> , 2018, 28, R320-R322.	3.9	1
26	Adaptation, speciation and extinction in the Anthropocene. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182047.	2.6	121
27	The genome-wide rate and spectrum of spontaneous mutations differ between haploid and diploid yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5046-E5055.	7.1	122
28	Haploid selection, sex ratio bias, and transitions between sex-determining systems. <i>PLoS Biology</i> , 2018, 16, e2005609.	5.6	31
29	The Evolutionary Consequences of Selection at the Haploid Gametic Stage. <i>American Naturalist</i> , 2018, 192, 241-249.	2.1	58
30	Macroevolutionary synthesis of flowering plant sexual systems. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 898-912.	2.3	68
31	When Predators Help Prey Adapt and Persist in a Changing Environment. <i>American Naturalist</i> , 2017, 190, 83-98.	2.1	52
32	Asymmetric competition impacts evolutionary rescue in a changing environment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170374.	2.6	12
33	Evolution of movement rate increases the effectiveness of marine reserves for the conservation of pelagic fishes. <i>Evolutionary Applications</i> , 2017, 10, 444-461.	3.1	29
34	Fixation Probability in a Haploid-Diploid Population. <i>Genetics</i> , 2017, 205, 421-440.	2.9	6
35	Haploid Selection Favors Suppressed Recombination Between Sex Chromosomes Despite Causing Biased Sex Ratios. <i>Genetics</i> , 2017, 207, 1631-1649.	2.9	20
36	Widespread Genetic Incompatibilities between First-Step Mutations during Parallel Adaptation of <i>Saccharomyces cerevisiae</i> to a Common Environment. <i>PLoS Biology</i> , 2017, 15, e1002591.	5.6	72

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37	Evolution of sex: Using experimental genomics to select among competing theories. <i>BioEssays</i> , 2016, 38, 751-757.	2.5	31
38	Costs of reproduction can explain the correlated evolution of semelparity and egg size: theory and a test with salmon. <i>Ecology Letters</i> , 2016, 19, 687-696.	6.4	19
39	Diocycy does not consistently accelerate or slow lineage diversification across multiple genera of angiosperms. <i>New Phytologist</i> , 2016, 209, 1290-1300.	7.3	37
40	Probing the Depths of Biological Diversity During the Second Century of GENETICS. <i>Genetics</i> , 2016, 204, 395-400.	2.9	1
41	Phylogenetic evidence for cladogenetic polyploidization in land plants. <i>American Journal of Botany</i> , 2016, 103, 1252-1258.	1.7	39
42	Multiple reproductive barriers separate recently diverged sunflower ecotypes. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2322-2335.	2.3	53
43	Women in evolution – highlighting the changing face of evolutionary biology. <i>Evolutionary Applications</i> , 2016, 9, 3-16.	3.1	22
44	Adaptation to elevated CO ₂ in different biodiversity contexts. <i>Nature Communications</i> , 2016, 7, 12358.	12.8	33
45	Evolutionary dynamics of a quantitative trait in a finite asexual population. <i>Theoretical Population Biology</i> , 2016, 108, 75-88.	1.1	33
46	Canada at a crossroad: The imperative for realigning ocean policy with ocean science. <i>Marine Policy</i> , 2016, 63, 53-60.	3.2	28
47	Liking the good guys: amplifying local adaptation via the evolution of condition-dependent mate choice. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1804-1815.	1.7	15
48	Evolution of haploid selection in predominantly diploid organisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15952-15957.	7.1	45
49	The evolution of sex chromosomes in organisms with separate haploid sexes. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 694-708.	2.3	37
50	Methods for studying polyploid diversification and the dead end hypothesis: a reply to Soltis <i>et al</i> . (2014). <i>New Phytologist</i> , 2015, 206, 27-35.	7.3	82
51	Too Much of a Good Thing: The Unique and Repeated Paths Toward Copper Adaptation. <i>Genetics</i> , 2015, 199, 555-571.	2.9	43
52	Y Fuse? Sex Chromosome Fusions in Fishes and Reptiles. <i>PLoS Genetics</i> , 2015, 11, e1005237.	3.5	109
53	Fitness-valley crossing with generalized parent-offspring transmission. <i>Theoretical Population Biology</i> , 2015, 105, 1-16.	1.1	0
54	Sex Determination: Why So Many Ways of Doing It?. <i>PLoS Biology</i> , 2014, 12, e1001899.	5.6	916

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55	Driven Apart: The Evolution of Ploidy Differences between the Sexes under Antagonistic Selection. <i>American Naturalist</i> , 2014, 183, 96-107.	2.1	5
56	Specialization and generalization in the diversification of phytophagous insects: tests of the musical chairs and oscillation hypotheses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132960.	2.6	157
57	Selective maintenance of recombination between the sex chromosomes. <i>Journal of Evolutionary Biology</i> , 2014, 27, 1431-1442.	1.7	23
58	The Evolution of Offspring Size across Life-History Stages. <i>American Naturalist</i> , 2014, 184, 543-555.	2.1	27
59	Evolutionary Rescue in Structured Populations. <i>American Naturalist</i> , 2014, 183, E17-E35.	2.1	90
60	EVOLUTIONARILY STABLE SEX RATIOS AND MUTATION LOAD. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 1915-1925.	2.3	19
61	The magnitude of local adaptation under genotype-dependent dispersal. <i>Ecology and Evolution</i> , 2013, 3, 4722-4735.	1.9	80
62	Gene-culture co-evolution: teaching, learning, and correlations between relatives. <i>Israel Journal of Ecology and Evolution</i> , 2013, 59, 72-91.	0.6	11
63	Sexual selection enables long-term coexistence despite ecological equivalence. <i>Nature</i> , 2012, 484, 506-509.	27.8	85
64	Parallel Genetic Changes and Nonparallel Gene-Environment Interactions Characterize the Evolution of Drug Resistance in Yeast. <i>Genetics</i> , 2012, 192, 241-252.	2.9	55
65	Gene Functional Trade-Offs and the Evolution of Pleiotropy. <i>Genetics</i> , 2012, 192, 1389-1409.	2.9	64
66	Linking the Investigations of Character Evolution and Species Diversification. <i>American Naturalist</i> , 2012, 180, 225-245.	2.1	92
67	PLOIDALLY ANTAGONISTIC SELECTION MAINTAINS STABLE GENETIC POLYMORPHISM. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 55-65.	2.3	39
68	DIFFERENTIAL SELECTION BETWEEN THE SEXES AND SELECTION FOR SEX. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 558-574.	2.3	21
69	FUNCTIONAL PLEIOTROPY AND MATING SYSTEM EVOLUTION IN PLANTS: FREQUENCY-INDEPENDENT MATING. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 957-972.	2.3	14
70	THE MAINTENANCE OF OBLIGATE SEX IN FINITE, STRUCTURED POPULATIONS SUBJECT TO RECURRENT BENEFICIAL AND DELETERIOUS MUTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3658-3669.	2.3	12
71	The red queen coupled with directional selection favours the evolution of sex. <i>Journal of Evolutionary Biology</i> , 2012, 25, 797-802.	1.7	22
72	Ploidy and the evolution of parasitism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2814-2822.	2.6	13

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73	Recently Formed Polyploid Plants Diversify at Lower Rates. <i>Science</i> , 2011, 333, 1257-1257.	12.6	424
74	Haploids adapt faster than diploids across a range of environments. <i>Journal of Evolutionary Biology</i> , 2011, 24, 531-540.	1.7	89
75	ESTABLISHMENT AND MAINTENANCE OF ADAPTIVE GENETIC DIVERGENCE UNDER MIGRATION, SELECTION, AND DRIFT. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2123-2129.	2.3	203
76	RECOMBINATION AND HITCHHIKING OF DELETERIOUS ALLELES. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2421-2434.	2.3	86
77	LOSS OF SEXUAL RECOMBINATION AND SEGREGATION IS ASSOCIATED WITH INCREASED DIVERSIFICATION IN EVENING PRIMROSES. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 3230-3240.	2.3	56
78	About PAR: The distinct evolutionary dynamics of the pseudoautosomal region. <i>Trends in Genetics</i> , 2011, 27, 358-367.	6.7	184
79	A Likelihood Method for Detecting Trait-Dependent Shifts in the Rate of Molecular Evolution. <i>Molecular Biology and Evolution</i> , 2011, 28, 759-770.	8.9	34
80	Cryptic Fitness Advantage: Diploids Invade Haploid Populations Despite Lacking Any Apparent Advantage as Measured by Standard Fitness Assays. <i>PLoS ONE</i> , 2011, 6, e26599.	2.5	50
81	The Evolution of Sex Ratio Adjustment in the Presence of Sexually Antagonistic Selection. <i>American Naturalist</i> , 2010, 176, 264-275.	2.1	19
82	VARIATION IN THE STRENGTH OF MALE MATE CHOICE ALLOWS LONG-TERM COEXISTENCE OF SPERM-DEPENDENT ASEXYALS AND THEIR SEXUAL HOSTS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	2.3	20
83	The Role of Advantageous Mutations in Enhancing the Evolution of a Recombination Modifier. <i>Genetics</i> , 2010, 184, 1153-1164.	2.9	42
84	Aging in a Long-Lived Clonal Tree. <i>PLoS Biology</i> , 2010, 8, e1000454.	5.6	101
85	Probabilistic Models of Chromosome Number Evolution and the Inference of Polyploidy. <i>Systematic Biology</i> , 2010, 59, 132-144.	5.6	190
86	The Evolutionary Enigma of Sex. <i>American Naturalist</i> , 2009, 174, S1-S14.	2.1	465
87	Estimating Trait-Dependent Speciation and Extinction Rates from Incompletely Resolved Phylogenies. <i>Systematic Biology</i> , 2009, 58, 595-611.	5.6	495
88	Conditionâ€Dependent Sex and the Rate of Adaptation. <i>American Naturalist</i> , 2009, 174, S71-S78.	2.1	41
89	The role of epistasis on the evolution of recombination in hostâ€parasite coevolution. <i>Theoretical Population Biology</i> , 2009, 75, 1-13.	1.1	23
90	Mutating away from your enemies: The evolution of mutation rate in a hostâ€parasite system. <i>Theoretical Population Biology</i> , 2009, 75, 301-311.	1.1	33

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91	Genetic control of invasive plants species using selfish genetic elements. <i>Evolutionary Applications</i> , 2009, 2, 555-569.	3.1	19
92	The impact of epistatic selection on the genomic traces of selection. <i>Molecular Ecology</i> , 2009, 18, 4985-4987.	3.9	6
93	EVOLUTION BY FISHERIAN SEXUAL SELECTION IN DIPLOIDS. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1076-1083.	2.3	12
94	Relaxed selection in the wild. <i>Trends in Ecology and Evolution</i> , 2009, 24, 487-496.	8.7	495
95	Ploidy and the Causes of Genomic Evolution. <i>Journal of Heredity</i> , 2009, 100, 571-581.	2.4	103
96	Adaptive epigenetic memory of ancestral temperature regime in <i>Arabidopsis thaliana</i> This paper is one of a selection of papers published in a Special Issue from the National Research Council of Canada " Plant Biotechnology Institute.. <i>Botany</i> , 2009, 87, 650-657.	1.0	202
97	When do host-parasite interactions drive the evolution of non-random mating?. <i>Ecology Letters</i> , 2008, 11, 937-946.	6.4	31
98	Can clone size serve as a proxy for clone age? An exploration using microsatellite divergence in <i>Populus tremuloides</i> . <i>Molecular Ecology</i> , 2008, 17, 4897-4911.	3.9	93
99	The evolution of haploidy and diploidy. <i>Current Biology</i> , 2008, 18, R1121-R1124.	3.9	103
100	Ploidy reduction in <i>Saccharomyces cerevisiae</i> . <i>Biology Letters</i> , 2008, 4, 91-94.	2.3	57
101	Frequency-Dependent Selection and the Evolution of Assortative Mating. <i>Genetics</i> , 2008, 179, 2091-2112.	2.9	133
102	The Dynamic Nature of Apomixis in the Angiosperms. <i>International Journal of Plant Sciences</i> , 2008, 169, 169-182.	1.3	173
103	Contrasting Patterns of Transposable-Element Insertion Polymorphism and Nucleotide Diversity in Autotetraploid and Allotetraploid <i>Arabidopsis</i> Species. <i>Genetics</i> , 2008, 179, 581-592.	2.9	29
104	Estimating a Binary Character's Effect on Speciation and Extinction. <i>Systematic Biology</i> , 2007, 56, 701-710.	5.6	933
105	The Evolution of Condition-Dependent Sex in the Face of High Costs. <i>Genetics</i> , 2007, 176, 1713-1727.	2.9	60
106	The Role of Pleiotropy in the Maintenance of Sex in Yeast. <i>Genetics</i> , 2007, 175, 1419-1427.	2.9	20
107	Mitotic recombination counteracts the benefits of genetic segregation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1301-1307.	2.6	70
108	Unravelling the evolutionary advantage of sex: a commentary on "Mutation-selection balance and the evolutionary advantage of sex and recombination" by Brian Charlesworth. <i>Genetical Research</i> , 2007, 89, 447-449.	0.9	12

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109	The Evolution of Sex and Recombination in Response to Abiotic or Coevolutionary Fluctuations in Epistasis. <i>Genetics</i> , 2007, 175, 1835-1853.	2.9	96
110	A short history of recombination in yeast. <i>Trends in Ecology and Evolution</i> , 2007, 22, 223-225.	8.7	14
111	The Evolutionary Consequences of Polyploidy. <i>Cell</i> , 2007, 131, 452-462.	28.9	950
112	Chapter 3: Deriving Classic Models in Ecology and Evolutionary Biology. , 2007, , 54-109.		0
113	Why have sex? The population genetics of sex and recombination. <i>Biochemical Society Transactions</i> , 2006, 34, 519-522.	3.4	87
114	A MODEL OF THE EVOLUTION OF DICHOGAMY INCORPORATING SEX-RATIO SELECTION, ANTHÉR-STIGMA INTERFERENCE, AND INBREEDING DEPRESSION. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 934-944.	2.3	25
115	Use of Ecotilling as an efficient SNP discovery tool to survey genetic variation in wild populations of <i>Populus trichocarpa</i> . <i>Molecular Ecology</i> , 2006, 15, 1367-1378.	3.9	140
116	Women editors: we need more female scientists. <i>Nature</i> , 2006, 441, 812-812.	27.8	1
117	Interference among deleterious mutations favours sex and recombination in finite populations. <i>Nature</i> , 2006, 443, 89-92.	27.8	328
118	Host-Parasite Coevolution and Selection on Sex through the Effects of Segregation. <i>American Naturalist</i> , 2006, 168, 617-629.	2.1	30
119	The Role of Local Species Abundance in the Evolution of Pollinator Attraction in Flowering Plants. <i>American Naturalist</i> , 2006, 167, 67-80.	2.1	84
120	Genomic Convergence toward Diploidy in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2006, 2, e145.	3.5	193
121	Selection for Recombination in Structured Populations. <i>Genetics</i> , 2006, 172, 593-609.	2.9	89
122	Effect of Varying Epistasis on the Evolution of Recombination. <i>Genetics</i> , 2006, 173, 589-597.	2.9	48
123	The Distribution of Beneficial Mutant Effects Under Strong Selection. <i>Genetics</i> , 2006, 174, 2071-2079.	2.9	47
124	A MODEL OF THE EVOLUTION OF DICHOGAMY INCORPORATING SEX-RATIO SELECTION, ANTHÉR-STIGMA INTERFERENCE, AND INBREEDING DEPRESSION. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 934.	2.3	0
125	The first steps in adaptive evolution. <i>Nature Genetics</i> , 2005, 37, 342-343.	21.4	9
126	Sexual Selection Can Resolve Sex-Linked Sexual Antagonism. <i>Science</i> , 2005, 310, 119-121.	12.6	127

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127	The Evolution of Plastic Recombination. <i>Genetics</i> , 2005, 171, 803-812.	2.9	63
128	Evolution of Recombination Due to Random Drift. <i>Genetics</i> , 2005, 169, 2353-2370.	2.9	169
129	Host-Parasite Interactions and the Evolution of Gene Expression. <i>PLoS Biology</i> , 2005, 3, e203.	5.6	33
130	Species Interactions and the Evolution of Sex. <i>Science</i> , 2004, 304, 1018-1020.	12.6	223
131	Two steps forward, one step back: the pleiotropic effects of favoured alleles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 705-714.	2.6	177
132	Host-parasite interactions and the evolution of ploidy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11036-11039.	7.1	73
133	Liberating genetic variance through sex. <i>BioEssays</i> , 2003, 25, 533-537.	2.5	18
134	Phylogenetic analysis of the ecological correlates of dioecy in angiosperms. <i>Journal of Evolutionary Biology</i> , 2003, 16, 1006-1018.	1.7	163
135	THE EVOLUTION OF GENOMIC BASE COMPOSITION IN BACTERIA. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1783-1792.	2.3	25
136	In polyploids, one plus one does not equal two. <i>Trends in Ecology and Evolution</i> , 2003, 18, 431-433.	8.7	25
137	THE EVOLUTION OF GENOMIC BASE COMPOSITION IN BACTERIA. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1783.	2.3	8
138	The Advantages of Segregation and the Evolution of Sex. <i>Genetics</i> , 2003, 164, 1099-1118.	2.9	74
139	Segregation and the Evolution of Sex Under Overdominant Selection. <i>Genetics</i> , 2003, 164, 1119-1128.	2.9	19
140	Evidence That Plant-Like Genes in Chlamydia Species Reflect an Ancestral Relationship between Chlamydiaceae, Cyanobacteria, and the Chloroplast. <i>Genome Research</i> , 2002, 12, 1159-1167.	5.5	114
141	When looks can kill: the evolution of sexually dimorphic floral display and the extinction of dioecious plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1187-1194.	2.6	89
142	16 The evolution of gene duplicates. <i>Advances in Genetics</i> , 2002, 46, 451-483.	1.8	131
143	Genomes and evolution Population genetics and molecular evolution of whole genomes. <i>Current Opinion in Genetics and Development</i> , 2002, 12, 631-633.	3.3	1
144	Evolving beyond point mutations. <i>Trends in Ecology and Evolution</i> , 2002, 17, 110.	8.7	1

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145	Resolving the paradox of sex and recombination. <i>Nature Reviews Genetics</i> , 2002, 3, 252-261.	16.3	679
146	Eliminating the cost of sex with sexual selection. <i>Trends in Ecology and Evolution</i> , 2001, 16, 602.	8.7	1
147	Masking and purging mutations following EMS treatment in haploid, diploid and tetraploid yeast (<i>Saccharomyces cerevisiae</i>). <i>Genetical Research</i> , 2001, 77, 9-26.	0.9	80
148	SELECTION FOR RECOMBINATION IN SMALL POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1921-1931.	2.3	208
149	SELECTION FOR RECOMBINATION IN SMALL POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1921.	2.3	62
150	THE CONSEQUENCES OF DIOECY FOR SEED DISPERSAL: MODELING THE SEED-SHADOW HANDICAP. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 880.	2.3	101
151	THE CONSEQUENCES OF DIOECY FOR SEED DISPERSAL: MODELING THE SEED-SHADOW HANDICAP. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 880-888.	2.3	11
152	EVOLUTION: Haploids-Hapless or Happening?. <i>Science</i> , 2001, 292, 2441-2443.	12.6	40
153	COMPENSATING FOR OUR LOAD OF MUTATIONS: FREEZING THE MELTDOWN OF SMALL POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1467-1479.	2.3	165
154	Detecting the form of selection from DNA sequence data. <i>Trends in Genetics</i> , 2000, 16, 526-529.	6.7	96
155	POLYPLOID INCIDENCE AND EVOLUTION. <i>Annual Review of Genetics</i> , 2000, 34, 401-437.	7.6	2,008
156	COMPENSATING FOR OUR LOAD OF MUTATIONS: FREEZING THE MELTDOWN OF SMALL POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1467.	2.3	49
157	The Evolution of Recombination in a Heterogeneous Environment. <i>Genetics</i> , 2000, 156, 423-438.	2.9	170
158	Detecting the Undetected: Estimating the Total Number of Loci Underlying a Quantitative Trait. <i>Genetics</i> , 2000, 156, 2093-2107.	2.9	144
159	Balanced Polymorphisms and the Evolution of Dominance. <i>American Naturalist</i> , 1999, 153, 561-574.	2.1	88
160	The panda and the phage: compensatory mutations and the persistence of small populations. <i>Trends in Ecology and Evolution</i> , 1999, 14, 295-296.	8.7	25
161	Ecology and the Evolution of Biphasic Life Cycles. <i>American Naturalist</i> , 1999, 154, 306-320.	2.1	132
162	Genes and Other Samples of DNA Sequence Data for Phylogenetic Inference. <i>Biological Bulletin</i> , 1999, 196, 345-350.	1.8	14

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