Tatiana Giraud

List of Publications by Year
in descending order

194 papers	12,561 citations	23567 58 h-index	32842 100 g-index
214 all docs	214 docs citations	214 times ranked	10786 citing authors

#	Article	IF	Citations
1	Onset and stepwise extensions of recombination suppression are common in matingâ€type chromosomes of <i>Microbotryum</i> antherâ€smut fungi. Journal of Evolutionary Biology, 2022, 35, 1619-1634.	1.7	11
2	Tempo of Degeneration Across Independently Evolved Nonrecombining Regions. Molecular Biology and Evolution, 2022, 39, .	8.9	9
3	Sharing and reporting benefits from biodiversity research. Molecular Ecology, 2021, 30, 1103-1107.	3.9	19
4	Pattern and causes of the establishment of the invasive bacterial potato pathogen Dickeya solani and of the maintenance of the resident pathogen D.Âdianthicola. Molecular Ecology, 2021, 30, 608-624.	3.9	13
5	Recombination suppression and evolutionary strata around matingâ€type loci in fungi: documenting patterns and understanding evolutionary and mechanistic causes. New Phytologist, 2021, 229, 2470-2491.	7.3	46
6	Genetic diversity and population structure analyses in the Alpine plum (Prunus brigantina Vill.) confirm its affiliation to the Armeniaca section. Tree Genetics and Genomes, 2021, 17, 1.	1.6	5
7	Size Variation of the Nonrecombining Region on the Mating-Type Chromosomes in the Fungal <i>Podospora anserina</i> Species Complex. Molecular Biology and Evolution, 2021, 38, 2475-2492.	8.9	13
8	Population Genomics Reveals Molecular Determinants of Specialization to Tomato in the Polyphagous Fungal Pathogen <i>Botrytis cinerea</i> in France. Phytopathology, 2021, 111, 2355-2366.	2.2	11
9	Homage to Felsenstein 1981, or why are there so few/many species?. Evolution; International Journal of Organic Evolution, 2021, 75, 978-988.	2.3	13
10	Europe as a bridgehead in the worldwide invasion history of grapevine downy mildew, Plasmopara viticola. Current Biology, 2021, 31, 2155-2166.e4.	3.9	36
11	Population genomics of apricots unravels domestication history and adaptive events. Nature Communications, 2021, 12, 3956.	12.8	45
12	Mating-Type Locus Organization and Mating-Type Chromosome Differentiation in the Bipolar Edible Button Mushroom Agaricus bisporus. Genes, 2021, 12, 1079.	2.4	17
13	Strong effect of Penicillium roqueforti populations on volatile and metabolic compounds responsible for aromas, flavor and texture in blue cheeses. International Journal of Food Microbiology, 2021, 354, 109174.	4.7	41
14	The integrative taxonomy of <i> Beauveria</i> <i> asiatica</i> and <i> B. bassiana</i> species complexes with whole-genome sequencing, morphometric and chemical analyses. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2021, 47, 136-150.	4.4	7
15	Higher Gene Flow in Sex-Related Chromosomes than in Autosomes during Fungal Divergence. Molecular Biology and Evolution, 2020, 37, 668-682.	8.9	19
16	Identification of the First Oomycete Mating-type Locus Sequence in the Grapevine Downy Mildew Pathogen, Plasmopara viticola. Current Biology, 2020, 30, 3897-3907.e4.	3.9	23
17	Threat to Asian wild apple trees posed by gene flow from domesticated apple trees and their â€œpestifiedâ€ pathogens. Molecular Ecology, 2020, 29, 4925-4941.	3.9	9
18	Domestication of the Emblematic White Cheese-Making Fungus Penicillium camemberti and Its Diversification into Two Varieties. Current Biology, 2020, 30, 4441-4453.e4.	3.9	58

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19	Antherâ€smut fungi from more contaminated sites in Chernobyl show lower infection ability and lower viability following experimental irradiation. Ecology and Evolution, 2020, 10, 6409-6420.	1.9	5
20	Differential Gene Expression between Fungal Mating Types Is Associated with Sequence Degeneration. Genome Biology and Evolution, 2020, 12, 243-258.	2.5	11
21	Congruent population genetic structures and divergence histories in antherâ€smut fungi and their host plants <i>Silene italica</i> and the <i>Silene nutans</i> species complex. Molecular Ecology, 2020, 29, 1154-1172.	3.9	11
22	Independent domestication events in the blueâ€cheese fungus <i>Penicillium roqueforti</i>. Molecular Ecology, 2020, 29, 2639-2660.	3.9	45
23	The taxonomy of the model filamentous fungus Podospora anserina. MycoKeys, 2020, 75, 51-69.	1.9	6
24	Little Evidence of Antagonistic Selection in the Evolutionary Strata of Fungal Mating-Type Chromosomes (<i>Microbotryum lychnidis-dioicae)</i>. G3: Genes, Genomes, Genetics, 2019, 9, 1987-1998.	1.8	18
25	Understanding Adaptation, Coevolution, Host Specialization, and Mating System in Castrating Anther-Smut Fungi by Combining Population and Comparative Genomics. Annual Review of Phytopathology, 2019, 57, 431-457.	7.8	23
26	The complex evolutionary history of apricots: Species divergence, gene flow and multiple domestication events. Molecular Ecology, 2019, 28, 5299-5314.	3.9	41
27	Population genomics revealed cryptic species within host-specific zombie-ant fungi (Ophiocordyceps) Tj ETQq1 1 0.784314 rgBT /Overl	2.7	18
28	Convergent recombination cessation between mating-type genes and centromeres in selfing anther-smut fungi. Genome Research, 2019, 29, 944-953.	5.5	21
29	Sympatry and interference of divergent Microbotryum pathogen species. Ecology and Evolution, 2019, 9, 5457-5467.	1.9	9
30	Cause and Effectors: Whole-Genome Comparisons Reveal Shared but Rapidly Evolving Effector Sets among Host-Specific Plant-Castrating Fungi. MBio, 2019, 10, .	4.1	27
31	Multiple infections, relatedness and virulence in the antherâ€smut fungus castrating <i>Saponaria</i> plants. Molecular Ecology, 2018, 27, 4947-4959.	3.9	5
32	Multiple convergent supergene evolution events in mating-type chromosomes. Nature Communications, 2018, 9, 2000.	12.8	81
33	A genome scan of diversifying selection in <i>Ophiocordyceps</i> zombieâ€ant fungi suggests a role for enterotoxins in coâ€evolution and host specificity. Molecular Ecology, 2018, 27, 3582-3598.	3.9	22
34	Coâ€occurrence among three divergent plantâ€castrating fungi in the same <i>Silene</i> host species. Molecular Ecology, 2018, 27, 3357-3370.	3.9	17
35	Gene Presenceâ€"Absence Polymorphism in Castrating Anther-Smut Fungi: Recent Gene Gains and Phylogeographic Structure. Genome Biology and Evolution, 2018, 10, 1298-1314.	2.5	23
36	Dating nodes in a phylogeny using inferred horizontal gene transfers. Peer Community in Evolutionary Biology, 2018, , 100037.	0.0	0

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37	Coâ€occurrence and hybridization of antherâ€smut pathogens specialized on Dianthus hosts. Molecular Ecology, 2017, 26, 1877-1890.	3.9	28
38	Introduction: microbial local adaptation: insights from natural populations, genomics and experimental evolution. Molecular Ecology, 2017, 26, 1703-1710.	3.9	24
39	Cropâ€toâ€wild gene flow and its fitness consequences for a wild fruit tree: Towards a comprehensive conservation strategy of the wild apple in Europe. Evolutionary Applications, 2017, 10, 180-188.	3.1	41
40	Fungal Sex: The Basidiomycota. Microbiology Spectrum, 2017, 5, .	3.0	82
41	Fungi as a Source of Food. Microbiology Spectrum, 2017, 5, .	3.0	31
42	Widespread selective sweeps throughout the genome of model plant pathogenic fungi and identification of effector candidates. Molecular Ecology, 2017, 26, 2041-2062.	3.9	71
43	Evolutionary strata on young mating-type chromosomes despite the lack of sexual antagonism. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7067-7072.	7.1	92
44	Epidemiology and Evolution ofÂFungal Pathogens in Plants andÂAnimals. , 2017, , 71-98.		4
45	Blue cheese-making has shaped the population genetic structure of the mould Penicillium roqueforti. PLoS ONE, 2017, 12, e0171387.	2.5	25
46	Distribution and population structure of the anther smut <i><scp>M</scp>icrobotryum silenesâ€acaulis</i> parasitizing an arcticâ€“alpine plant. Molecular Ecology, 2016, 25, 811-824.	3.9	17
47	Lower prevalence but similar fitness in a parasitic fungus at higher radiation levels near Chernobyl. Molecular Ecology, 2016, 25, 3370-3383.	3.9	9
48	New insights into the history of domesticated and wild apricots and its contribution to <i>Plum pox virus</i> resistance. Molecular Ecology, 2016, 25, 4712-4729.	3.9	45
49	Strong phylogeographic coâ€structure between the antherâ€smut fungus and its white campion host. New Phytologist, 2016, 212, 668-679.	7.3	36
50	Fertility depression among cheeseâ€making Penicillium roqueforti strains suggests degeneration during domestication. Evolution; International Journal of Organic Evolution, 2016, 70, 2099-2109.	2.3	23
51	Intragenome Diversity of Gene Families Encoding Toxin-like Proteins in Venomous Animals. Integrative and Comparative Biology, 2016, 56, 938-949.	2.0	14
52	<scp>cloncase</scp>: Estimation of sex frequency and effective population size by clonemate resampling in partially clonal organisms. Molecular Ecology Resources, 2016, 16, 845-861.	4.8	25
53	Polymorphic Microsatellite Markers for the Tetrapolar Anther-Smut Fungus Microbotryum saponariae Based on Genome Sequencing. PLoS ONE, 2016, 11, e0165656.	2.5	9
54	Diversity and Mechanisms of Genomic Adaptation in Penicillium. , 2016, , 27-42.		13

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55	Genomic basis of the differences between cider and dessert apple varieties. Evolutionary Applications, 2015, 8, 650-661.	3.1	33
56	A <i>micro<scp>RNA</scp></i> allele that emerged prior to apple domestication may underlie fruit size evolution. Plant Journal, 2015, 84, 417-427.	5.7	95
57	Insights into Penicillium roqueforti Morphological and Genetic Diversity. PLoS ONE, 2015, 10, e0129849.	2.5	46
58	Degeneration of the Nonrecombining Regions in the Mating-Type Chromosomes of the Anther-Smut Fungi. Molecular Biology and Evolution, 2015, 32, 928-943.	8.9	49
59	Chaos of Rearrangements in the Mating-Type Chromosomes of the Anther-Smut Fungus <i>Microbotryum lychnidis-dioicae</i>. Genetics, 2015, 200, 1275-1284.	2.9	78
60	Adaptive Horizontal Gene Transfers between Multiple Cheese-Associated Fungi. Current Biology, 2015, 25, 2562-2569.	3.9	110
61	Sex and parasites: genomic and transcriptomic analysis of Microbotryum lychnidis-dioicae, the biotrophic and plant-castrating anther smut fungus. BMC Genomics, 2015, 16, 461.	2.8	58
62	Anthropogenic and natural drivers of gene flow in a temperate wild fruit tree: a basis for conservation and breeding programs in apples. Evolutionary Applications, 2015, 8, 373-384.	3.1	59
63	Contrasted patterns in mating-type chromosomes in fungi: Hotspots versus coldspots of recombination. Fungal Biology Reviews, 2015, 29, 220-229.	4.7	40
64	The population biology of fungal invasions. Molecular Ecology, 2015, 24, 1969-1986.	3.9	173
65	Host Phenology and Geography as Drivers of Differentiation in Generalist Fungal Mycoparasites. PLoS ONE, 2015, 10, e0120703.	2.5	14
66	Performance of a Hybrid Fungal Pathogen on Pure-Species and Hybrid Host Plants. International Journal of Plant Sciences, 2014, 175, 724-730.	1.3	13
67	Independent domestications of cultivated tree peonies from different wild peony species. Molecular Ecology, 2014, 23, 82-95.	3.9	41
68	5. All paths lead to Rome: Evolutionary convergence and divergence of K+ channel blocking toxins. Toxicon, 2014, 91, 166.	1.6	0
69	Induction of sexual reproduction and genetic diversity in the cheese fungus <i><scp>P</scp>enicillium roqueforti</i>. Evolutionary Applications, 2014, 7, 433-441.	3.1	57
70	Multiple recent horizontal transfers of a large genomic region in cheese making fungi. Nature Communications, 2014, 5, 2876.	12.8	195
71	Fungal evolutionary genomics provides insight into the mechanisms of adaptive divergence in eukaryotes. Molecular Ecology, 2014, 23, 753-773.	3.9	203
72	The domestication and evolutionary ecology of apples. Trends in Genetics, 2014, 30, 57-65.	6.7	261

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73	High Variability of Mitochondrial Gene Order among Fungi. Genome Biology and Evolution, 2014, 6, 451-465.	2.5	223
74	News of the SociÃ©tÃ© Botanique de France. Acta Botanica Gallica, 2014, 161, 11-11.	0.9	0
75	Influence of Multiple Infection and Relatedness on Virulence: Disease Dynamics in an Experimental Plant Population and Its Castrating Parasite. PLoS ONE, 2014, 9, e98526.	2.5	15
76	Massive gene swamping among cheese-making Penicillium fungi. Microbial Cell, 2014, 1, 107-109.	3.2	7
77	Deleterious effects of recombination and possible nonrecombinatorial advantages of sex in a fungal model. Journal of Evolutionary Biology, 2013, 26, 1968-1978.	1.7	23
78	Evolution of uni- and bifactorial sexual compatibility systems in fungi. Heredity, 2013, 111, 445-455.	2.6	73
79	History of the invasion of the anther smut pathogen on S ilene latifolia in N orth A merica. New Phytologist, 2013, 198, 946-956.	7.3	33
80	Postglacial recolonization history of the <scp>E</scp>uropean crabapple (<i>Malus sylvestris) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 2249-2263.	3.9	86
81	A road map for molecular ecology. Molecular Ecology, 2013, 22, 2605-2626.	3.9	100
82	Genetic signature of a range expansion and leapâ€frog event after the recent invasion of Europe by the grapevine downy mildew pathogen <i>Plasmopara viticola</i>. Molecular Ecology, 2013, 22, 2771-2786.	3.9	86
83	Allee effects in ants. Journal of Animal Ecology, 2013, 82, 956-965.	2.8	37
84	Purifying selection after episodes of recurrent adaptive diversification in fungal pathogens. Infection, Genetics and Evolution, 2013, 17, 123-131.	2.3	15
85	Cospeciation vs hostâ€shift speciation: methods for testing, evidence from natural associations and relation to coevolution. New Phytologist, 2013, 198, 347-385.	7.3	352
86	Do black truffles avoid sexual harassment by linking mating type and vegetative incompatibility?. New Phytologist, 2013, 199, 10-13.	7.3	29
87	The â€˜<scp>D</scp>r <scp>J</scp>ekyll and <scp>M</scp>r <scp>H</scp>yde fungusâ€™: noble rot versus gray mold symptoms of <i><scp>B</scp>otrytis cinerea</i> on grapes. Evolutionary Applications, 2013, 6, 960-969.	3.1	40
88	Cropâ€toâ€wild gene flow and spatial genetic structure in the closest wild relatives of the cultivated apple. Evolutionary Applications, 2013, 6, 737-748.	3.1	54
89	Extensive Divergence Between Mating-Type Chromosomes of the Anther-Smut Fungus. Genetics, 2013, 193, 309-315.	2.9	55
90	Lineage Selection and the Maintenance of Sex. PLoS ONE, 2013, 8, e66906.	2.5	46

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91	New Insight into the History of Domesticated Apple: Secondary Contribution of the European Wild Apple to the Genome of Cultivated Varieties. PLoS Genetics, 2012, 8, e1002703.	3.5	334
92	Sex in Cheese: Evidence for Sexuality in the Fungus Penicillium roqueforti. PLoS ONE, 2012, 7, e49665.	2.5	40
93	The tempo and modes of evolution of reproductive isolation in fungi. Heredity, 2012, 109, 204-214.	2.6	35
94	Evolution of pathogenicity traits in the apple scab fungal pathogen in response to the domestication of its host. Evolutionary Applications, 2012, 5, 694-704.	3.1	28
95	SIBLING COMPETITION ARENA: SELFING AND A COMPETITION ARENA CAN COMBINE TO CONSTITUTE A BARRIER TO GENE FLOW IN SYMPATRY. Evolution; International Journal of Organic Evolution, 2012, 66, 1917-1930.	2.3	22
96	LINKAGE TO THE MATING-TYPE LOCUS ACROSS THE GENUS<i>MICROBOTRYUM</i>: INSIGHTS INTO NONRECOMBINING CHROMOSOMES. Evolution; International Journal of Organic Evolution, 2012, 66, 3519-3533.	2.3	32
97	Genes under positive selection in a model plant pathogenic fungus, Botrytis. Infection, Genetics and Evolution, 2012, 12, 987-996.	2.3	40
98	Migration patterns and changes in population biology associated with the worldwide spread of the oilseed rape pathogen <i>Leptosphaeria maculans</i>. Molecular Ecology, 2012, 21, 2519-2533.	3.9	34
99	Sex, outcrossing and mating types: unsolved questions in fungi and beyond. Journal of Evolutionary Biology, 2012, 25, 1020-1038.	1.7	197
100	Codon models applied to the study of fungal genomes. , 2012, , 164-186.		2
101	Epidemiology and Evolution of Fungal Pathogens in Plants and Animals. , 2011, , 59-132.		17
102	Genomic Analysis of the Necrotrophic Fungal Pathogens Sclerotinia sclerotiorum and Botrytis cinerea. PLoS Genetics, 2011, 7, e1002230.	3.5	902
103	Having sex, yes, but with whom? Inferences from fungi on the evolution of anisogamy and mating types. Biological Reviews, 2011, 86, 421-442.	10.4	204
104	Nuclear and Chloroplast Microsatellites Show Multiple Introductions in the Worldwide Invasion History of Common Ragweed, Ambrosia artemisiifolia. PLoS ONE, 2011, 6, e17658.	2.5	105
105	Temporal isolation explains hostâ€related genetic differentiation in a group of widespread mycoparasitic fungi. Molecular Ecology, 2011, 20, 1492-1507.	3.9	37
106	Emergence of novel fungal pathogens by ecological speciation: importance of the reduced viability of immigrants. Molecular Ecology, 2011, 20, 4521-4532.	3.9	60
107	COMPETITION, COOPERATION AMONG KIN, AND VIRULENCE IN MULTIPLE INFECTIONS. Evolution; International Journal of Organic Evolution, 2011, 65, 1357-1366.	2.3	54
108	Bacterial cooperation controlled by mobile elements: kin selection versus infectivity. Heredity, 2011, 107, 277-278.	2.6	9

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109	Distinct invasion sources of common ragweed (Ambrosia artemisiifolia) in Eastern and Western Europe. Biological Invasions, 2011, 13, 933-944.	2.4	69
110	The evolution of species concepts and species recognition criteria in plant pathogenic fungi. Fungal Diversity, 2011, 50, 121-133.	12.3	148
111	Maintenance of Fungal Pathogen Species That Are Specialized to Different Hosts: Allopatric Divergence and Introgression through Secondary Contact. Molecular Biology and Evolution, 2011, 28, 459-471.	8.9	79
112	The impact of genome defense on mobile elements in Microbotryum. Genetica, 2010, 138, 313-319.	1.1	6
113	Microsatellite loci to recognize species for the cheese starter and contaminating strains associated with cheese manufacturing. International Journal of Food Microbiology, 2010, 137, 204-213.	4.7	56
114	Distribution of the antherâ€smut pathogen <i>Microbotryum</i> on species of the Caryophyllaceae. New Phytologist, 2010, 187, 217-229.	7.3	73
115	The worldwide expansion of the Argentine ant. Diversity and Distributions, 2010, 16, 170-186.	4.1	82
116	Finding candidate genes under positive selection in Non-model species: examples of genes involved in host specialization in pathogens. Molecular Ecology, 2010, 19, 292-306.	3.9	44
117	Using phylogenies of pheromone receptor genes in the<i>Microbotryum violaceum</i>species complex to investigate possible speciation by hybridization. Mycologia, 2010, 102, 689-696.	1.9	28
118	Glacial Refugia in Pathogens: European Genetic Structure of Anther Smut Pathogens on Silene latifolia and Silene dioica. PLoS Pathogens, 2010, 6, e1001229.	4.7	70
119	No Evidence of Reproductive Character Displacement between Two Sister Fungal Species Causing Anther Smut Disease in Silene. International Journal of Plant Sciences, 2010, 171, 847-859.	1.3	12
120	Sex in Penicillium: Combined phylogenetic and experimental approaches. Fungal Genetics and Biology, 2010, 47, 693-706.	2.1	40
121	Linking the emergence of fungal plant diseases with ecological speciation. Trends in Ecology and Evolution, 2010, 25, 387-395.	8.7	281
122	In response to comment on â€˜A congruence index for testing topological similarity between treesâ€™. Bioinformatics, 2009, 25, 150-151.	4.1	6
123	Ancient <i>Trans</i>-specific Polymorphism at Pheromone Receptor Genes in Basidiomycetes. Genetics, 2009, 181, 209-223.	2.9	68
124	Within-host competitive exclusion among species of the anther smut pathogen. BMC Ecology, 2009, 9, 11.	3.0	26
125	Silene as a model system in ecology and evolution. Heredity, 2009, 103, 5-14.	2.6	203
126	Hybrid sterility and inviability in the parasitic fungal species complex <i>Microbotryum</i>. Journal of Evolutionary Biology, 2009, 22, 683-698.	1.7	40

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127	Phylogenetic determinants of potential host shifts in fungal pathogens. Journal of Evolutionary Biology, 2009, 22, 2532-2541.	1.7	92
128	Rapidly evolving genes in pathogens: Methods for detecting positive selection and examples among fungi, bacteria, viruses and protists. Infection, Genetics and Evolution, 2009, 9, 656-670.	2.3	100
129	Chapter 3 Genome Evolution in Plant Pathogenic and Symbiotic Fungi. Advances in Botanical Research, 2009, , 151-193.	1.1	21
130	PERMANENT GENETIC RESOURCES: Isolation of 60 polymorphic microsatellite loci in EST libraries of four sibling species of the phytopathogenic fungal complex <i>Microbotryum</i>. Molecular Ecology Resources, 2008, 8, 387-392.	4.8	22
131	Sympatric genetic differentiation of a generalist pathogenic fungus, <i>Botrytis cinerea</i>, on two different host plants, grapevine and bramble. Journal of Evolutionary Biology, 2008, 21, 122-132.	1.7	103
132	Existence of a pattern of reproductive character displacement in <i>Homobasidiomycota</i> but not in <i>Ascomycota</i>. Journal of Evolutionary Biology, 2008, 21, 761-772.	1.7	60
133	Maximized virulence in a sterilizing pathogen: the antherâ€smut fungus and its coâ€evolved hosts. Journal of Evolutionary Biology, 2008, 21, 1544-1554.	1.7	66
134	Funybase: a Fungal phylogenomic database. BMC Bioinformatics, 2008, 9, 456.	2.6	60
135	Cophylogeny of the anther smut fungi and their caryophyllaceous hosts: Prevalence of host shifts and importance of delimiting parasite species for inferring cospeciation. BMC Evolutionary Biology, 2008, 8, 100.	3.2	116
136	Genetic diversity in natural populations: a fundamental component of plantâ€“microbe interactions. Current Opinion in Plant Biology, 2008, 11, 135-143.	7.1	85
137	Speciation in fungi. Fungal Genetics and Biology, 2008, 45, 791-802.	2.1	281
138	Mating System of the Anther Smut Fungus <i>Microbotryum violaceum</i> : Selfing under Heterothallism. Eukaryotic Cell, 2008, 7, 765-775.	3.4	129
139	Assessing the Performance of Single-Copy Genes for Recovering Robust Phylogenies. Systematic Biology, 2008, 57, 613-627.	5.6	162
140	Population genetics of fungal diseases of plants. Parasite, 2008, 15, 449-454.	2.0	43
141	A congruence index for testing topological similarity between trees. Bioinformatics, 2007, 23, 3119-3124.	4.1	176
142	Multiple Infections by the Anther Smut Pathogen Are Frequent and Involve Related Strains. PLoS Pathogens, 2007, 3, e176.	4.7	86
143	Challenges of microsatellite isolation in fungi. Fungal Genetics and Biology, 2007, 44, 933-949.	2.1	166
144	Antagonistic pleiotropy may help population-level selection in maintaining genetic polymorphism for transmission rate in a model phytopathogenic fungus. Heredity, 2007, 98, 45-52.	2.6	9

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145	When can host shifts produce congruent host and parasite phylogenies? A simulation approach. Journal of Evolutionary Biology, 2007, 20, 1428-1438.	1.7	75
146	PHYLOGENETIC EVIDENCE OF HOST-SPECIFIC CRYPTIC SPECIES IN THE ANTHER SMUT FUNGUS. Evolution; International Journal of Organic Evolution, 2007, 61, 15-26.	2.3	209
147	EVOLUTION OF REPRODUCTIVE ISOLATION WITHIN A PARASITIC FUNGAL SPECIES COMPLEX. Evolution; International Journal of Organic Evolution, 2007, 61, 1781-1787.	2.3	66
148	Expressed sequences tags of the anther smut fungus, Microbotryum violaceum, identify mating and pathogenicity genes. BMC Genomics, 2007, 8, 272.	2.8	30
149	Pathogen Relatedness Affects the Prevalence of Withinâ€Host Competition. American Naturalist, 2006, 168, 121-126.	2.1	46
150	Importance of the Life Cycle in Sympatric Host Race Formation and Speciation of Pathogens. Phytopathology, 2006, 96, 280-287.	2.2	80
151	NATIVE SUPERCOLONIES OF UNRELATED INDIVIDUALS IN THE INVASIVE ARGENTINE ANT. Evolution; International Journal of Organic Evolution, 2006, 60, 782-791.	2.3	118
152	Common sex-linked deleterious alleles in a plant parasitic fungus alter infection success but show no pleiotropic advantage. Journal of Evolutionary Biology, 2006, 19, 970-980.	1.7	6
153	Telomeric DNA of Botrytis cinerea: a useful tool for strain identification. FEMS Microbiology Letters, 2006, 157, 267-272.	1.8	34
154	Speciation: Selection against migrant pathogens: the immigrant inviability barrier in pathogens. Heredity, 2006, 97, 316-318.	2.6	36
155	Speciation in parasites: host switching does not automatically lead to allopatry. Trends in Parasitology, 2006, 22, 151-152.	3.3	17
156	NATIVE SUPERCOLONIES OF UNRELATED INDIVIDUALS IN THE INVASIVE ARGENTINE ANT. Evolution; International Journal of Organic Evolution, 2006, 60, 782.	2.3	3
157	Genetic differentiation of neutral markers and quantitative traits in predominantly selfing metapopulations: confronting theory and experiments with Arabidopsis thaliana. Genetical Research, 2006, 87, 1-12.	0.9	32
158	Native supercolonies of unrelated individuals in the invasive Argentine ant. Evolution; International Journal of Organic Evolution, 2006, 60, 782-91.	2.3	34
159	Partition of the<i>Botrytis cinerea</i>complex in France using multiple gene genealogies. Mycologia, 2005, 97, 1251-1267.	1.9	75
160	Selfing Propensity under Choice Conditions in a Parasitic Fungus, Microbotryum violaceum, and Parameters Influencing Infection Success in Artificial Inoculations. International Journal of Plant Sciences, 2005, 166, 649-657.	1.3	44
161	Isolation of five polymorphic microsatellite loci in the invasive weed Ambrosia artemisiifolia (Asteraceae) using an enrichment protocol. Molecular Ecology Notes, 2005, 5, 381-383.	1.7	26
162	The anther smut disease on Gypsophila repens: a case of parasite sub-optimal performance following a recent host shift?. Journal of Evolutionary Biology, 2005, 18, 1293-1303.	1.7	35

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163	High genetic diversity in French invasive populations of common ragweed, <i>Ambrosia artemisiifolia</i>, as a result of multiple sources of introduction. Molecular Ecology, 2005, 14, 4275-4285.	3.9	373
164	Maintenance of Sexâ€Linked Deleterious Alleles by Selfing and Group Selection in Metapopulations of the Phytopathogenic Fungus Microbotryum violaceum. American Naturalist, 2005, 165, 577-589.	2.1	12
165	Sexâ€specific effect of <i>Microbotryum violaceum</i> (Uredinales) spores on healthy plants of the gynodioecious <i>Gypsophila repens</i> (Caryophyllaceae). American Journal of Botany, 2005, 92, 896-900.	1.7	10
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