

# Tatiana Giraud

## List of Publications by Year in descending order

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Version: 2024-02-01

194  
papers

12,561  
citations

27035

58  
h-index

37326

100  
g-index

214  
all docs

214  
docs citations

214  
times ranked

11922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Onset and stepwise extensions of recombination suppression are common in mating-type chromosomes of <i>Microbotryum</i> anther-smut fungi. <i>Journal of Evolutionary Biology</i> , 2022, 35, 1619-1634.	0.8	11
2	Tempo of Degeneration Across Independently Evolved Nonrecombining Regions. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	9
3	Sharing and reporting benefits from biodiversity research. <i>Molecular Ecology</i> , 2021, 30, 1103-1107.	2.0	19
4	Pattern and causes of the establishment of the invasive bacterial potato pathogen <i>Dickeya solani</i> and of the maintenance of the resident pathogen <i>D. adianthicola</i> . <i>Molecular Ecology</i> , 2021, 30, 608-624.	2.0	13
5	Recombination suppression and evolutionary strata around mating-type loci in fungi: documenting patterns and understanding evolutionary and mechanistic causes. <i>New Phytologist</i> , 2021, 229, 2470-2491.	3.5	46
6	Genetic diversity and population structure analyses in the Alpine plum ( <i>Prunus brigantina</i> Vill.) confirm its affiliation to the <i>Armeniaca</i> section. <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	0.6	5
7	Size Variation of the Nonrecombining Region on the Mating-Type Chromosomes in the Fungal <i>Podospira anserina</i> Species Complex. <i>Molecular Biology and Evolution</i> , 2021, 38, 2475-2492.	3.5	13
8	Population Genomics Reveals Molecular Determinants of Specialization to Tomato in the Polyphagous Fungal Pathogen <i>Botrytis cinerea</i> in France. <i>Phytopathology</i> , 2021, 111, 2355-2366.	1.1	11
9	Homage to Felsenstein 1981, or why are there so few/many species?. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 978-988.	1.1	13
10	Europe as a bridgehead in the worldwide invasion history of grapevine downy mildew, <i>Plasmopara viticola</i> . <i>Current Biology</i> , 2021, 31, 2155-2166.e4.	1.8	36
11	Population genomics of apricots unravels domestication history and adaptive events. <i>Nature Communications</i> , 2021, 12, 3956.	5.8	45
12	Mating-Type Locus Organization and Mating-Type Chromosome Differentiation in the Bipolar Edible Button Mushroom <i>Agaricus bisporus</i> . <i>Genes</i> , 2021, 12, 1079.	1.0	17
13	Strong effect of <i>Penicillium roqueforti</i> populations on volatile and metabolic compounds responsible for aromas, flavor and texture in blue cheeses. <i>International Journal of Food Microbiology</i> , 2021, 354, 109174.	2.1	41
14	The integrative taxonomy of <i>Beauveria asiatica</i> and <i>B. bassiana</i> species complexes with whole-genome sequencing, morphometric and chemical analyses. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2021, 47, 136-150.	1.6	7
15	Higher Gene Flow in Sex-Related Chromosomes than in Autosomes during Fungal Divergence. <i>Molecular Biology and Evolution</i> , 2020, 37, 668-682.	3.5	19
16	Identification of the First Oomycete Mating-type Locus Sequence in the Grapevine Downy Mildew Pathogen, <i>Plasmopara viticola</i> . <i>Current Biology</i> , 2020, 30, 3897-3907.e4.	1.8	23
17	Threat to Asian wild apple trees posed by gene flow from domesticated apple trees and their pestified pathogens. <i>Molecular Ecology</i> , 2020, 29, 4925-4941.	2.0	9
18	Domestication of the Emblematic White Cheese-Making Fungus <i>Penicillium camemberti</i> and Its Diversification into Two Varieties. <i>Current Biology</i> , 2020, 30, 4441-4453.e4.	1.8	58

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19	Anther-smut fungi from more contaminated sites in Chernobyl show lower infection ability and lower viability following experimental irradiation. <i>Ecology and Evolution</i> , 2020, 10, 6409-6420.	0.8	5
20	Differential Gene Expression between Fungal Mating Types Is Associated with Sequence Degeneration. <i>Genome Biology and Evolution</i> , 2020, 12, 243-258.	1.1	11
21	Congruent population genetic structures and divergence histories in anther-smut fungi and their host plants <i>Silene italica</i> and the <i>Silene nutans</i> species complex. <i>Molecular Ecology</i> , 2020, 29, 1154-1172.	2.0	11
22	Independent domestication events in the blue-cheese fungus <i>Penicillium roqueforti</i> . <i>Molecular Ecology</i> , 2020, 29, 2639-2660.	2.0	45
23	The taxonomy of the model filamentous fungus <i>Podospora anserina</i> . <i>MycKeys</i> , 2020, 75, 51-69.	0.8	6
24	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.	0.8	18
25	Understanding Adaptation, Coevolution, Host Specialization, and Mating System in Castrating Anther-Smut Fungi by Combining Population and Comparative Genomics. <i>Annual Review of Phytopathology</i> , 2019, 57, 431-457.	3.5	23
26	The complex evolutionary history of apricots: Species divergence, gene flow and multiple domestication events. <i>Molecular Ecology</i> , 2019, 28, 5299-5314.	2.0	41
27	Population genomics revealed cryptic species within host-specific zombie-ant fungi ( <i>Ophiocordyceps</i> ) <i>Tj ETQq1 1 0,784314 rgBT /Ove</i>	1.2	18
28	Convergent recombination cessation between mating-type genes and centromeres in selfing anther-smut fungi. <i>Genome Research</i> , 2019, 29, 944-953.	2.4	21
29	Sympatry and interference of divergent <i>Microbotryum</i> pathogen species. <i>Ecology and Evolution</i> , 2019, 9, 5457-5467.	0.8	9
30	Cause and Effectors: Whole-Genome Comparisons Reveal Shared but Rapidly Evolving Effector Sets among Host-Specific Plant-Castrating Fungi. <i>MBio</i> , 2019, 10, .	1.8	27
31	Multiple infections, relatedness and virulence in the anther-smut fungus castrating <i>Saponaria</i> plants. <i>Molecular Ecology</i> , 2018, 27, 4947-4959.	2.0	5
32	Multiple convergent supergene evolution events in mating-type chromosomes. <i>Nature Communications</i> , 2018, 9, 2000.	5.8	81
33	A genome scan of diversifying selection in <i>Ophiocordyceps</i> zombie-ant fungi suggests a role for enterotoxins in coevolution and host specificity. <i>Molecular Ecology</i> , 2018, 27, 3582-3598.	2.0	22
34	Co-occurrence among three divergent plant-castrating fungi in the same <i>Silene</i> host species. <i>Molecular Ecology</i> , 2018, 27, 3357-3370.	2.0	17
35	Gene Presence-Absence Polymorphism in Castrating Anther-Smut Fungi: Recent Gene Gains and Phylogeographic Structure. <i>Genome Biology and Evolution</i> , 2018, 10, 1298-1314.	1.1	23
36	Dating nodes in a phylogeny using inferred horizontal gene transfers. <i>Peer Community in Evolutionary Biology</i> , 2018, , 100037.	0.0	0

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37	Co-occurrence and hybridization of anther smut pathogens specialized on Dianthus hosts. <i>Molecular Ecology</i> , 2017, 26, 1877-1890.	2.0	28
38	Introduction: microbial local adaptation: insights from natural populations, genomics and experimental evolution. <i>Molecular Ecology</i> , 2017, 26, 1703-1710.	2.0	24
39	Crop-wild gene flow and its fitness consequences for a wild fruit tree: Towards a comprehensive conservation strategy of the wild apple in Europe. <i>Evolutionary Applications</i> , 2017, 10, 180-188.	1.5	41
40	Fungal Sex: The Basidiomycota. <i>Microbiology Spectrum</i> , 2017, 5, .	1.2	82
41	Fungi as a Source of Food. <i>Microbiology Spectrum</i> , 2017, 5, .	1.2	31
42	Widespread selective sweeps throughout the genome of model plant pathogenic fungi and identification of effector candidates. <i>Molecular Ecology</i> , 2017, 26, 2041-2062.	2.0	71
43	Evolutionary strata on young mating-type chromosomes despite the lack of sexual antagonism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7067-7072.	3.3	92
44	Epidemiology and Evolution of Fungal Pathogens in Plants and Animals. , 2017, , 71-98.		4
45	Blue cheese-making has shaped the population genetic structure of the mould <i>Penicillium roqueforti</i> . <i>PLoS ONE</i> , 2017, 12, e0171387.	1.1	25
46	Distribution and population structure of the anther smut <i>Microbotryum silenes-acaulis</i> parasitizing an arctic alpine plant. <i>Molecular Ecology</i> , 2016, 25, 811-824.	2.0	17
47	Lower prevalence but similar fitness in a parasitic fungus at higher radiation levels near Chernobyl. <i>Molecular Ecology</i> , 2016, 25, 3370-3383.	2.0	9
48	New insights into the history of domesticated and wild apricots and its contribution to Plum pox virus resistance. <i>Molecular Ecology</i> , 2016, 25, 4712-4729.	2.0	45
49	Strong phylogeographic structure between the anther smut fungus and its white campion host. <i>New Phytologist</i> , 2016, 212, 668-679.	3.5	36
50	Fertility depression among cheese-making <i>Penicillium roqueforti</i> strains suggests degeneration during domestication. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2099-2109.	1.1	23
51	Intragenome Diversity of Gene Families Encoding Toxin-like Proteins in Venomous Animals. <i>Integrative and Comparative Biology</i> , 2016, 56, 938-949.	0.9	14
52	cloncase: Estimation of sex frequency and effective population size by clonemate resampling in partially clonal organisms. <i>Molecular Ecology Resources</i> , 2016, 16, 845-861.	2.2	25
53	Polymorphic Microsatellite Markers for the Tetrapolar Anther-Smut Fungus <i>Microbotryum saponariae</i> Based on Genome Sequencing. <i>PLoS ONE</i> , 2016, 11, e0165656.	1.1	9
54	Diversity and Mechanisms of Genomic Adaptation in <i>Penicillium</i> . , 2016, , 27-42.		13

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55	Genomic basis of the differences between cider and dessert apple varieties. <i>Evolutionary Applications</i> , 2015, 8, 650-661.	1.5	33
56	A <i>microRNA</i> allele that emerged prior to apple domestication may underlie fruit size evolution. <i>Plant Journal</i> , 2015, 84, 417-427.	2.8	95
57	Insights into <i>Penicillium roqueforti</i> Morphological and Genetic Diversity. <i>PLoS ONE</i> , 2015, 10, e0129849.	1.1	46
58	Degeneration of the Nonrecombining Regions in the Mating-Type Chromosomes of the Anther-Smut Fungus. <i>Molecular Biology and Evolution</i> , 2015, 32, 928-943.	3.5	49
59	Chaos of Rearrangements in the Mating-Type Chromosomes of the Anther-Smut Fungus <i>Microbotryum lychnidis-dioicae</i> . <i>Genetics</i> , 2015, 200, 1275-1284.	1.2	78
60	Adaptive Horizontal Gene Transfers between Multiple Cheese-Associated Fungi. <i>Current Biology</i> , 2015, 25, 2562-2569.	1.8	110
61	Sex and parasites: genomic and transcriptomic analysis of <i>Microbotryum lychnidis-dioicae</i> , the biotrophic and plant-castrating anther smut fungus. <i>BMC Genomics</i> , 2015, 16, 461.	1.2	58
62	Anthropogenic and natural drivers of gene flow in a temperate wild fruit tree: a basis for conservation and breeding programs in apples. <i>Evolutionary Applications</i> , 2015, 8, 373-384.	1.5	59
63	Contrasted patterns in mating-type chromosomes in fungi: Hotspots versus coldspots of recombination. <i>Fungal Biology Reviews</i> , 2015, 29, 220-229.	1.9	40
64	The population biology of fungal invasions. <i>Molecular Ecology</i> , 2015, 24, 1969-1986.	2.0	173
65	Host Phenology and Geography as Drivers of Differentiation in Generalist Fungal Mycoparasites. <i>PLoS ONE</i> , 2015, 10, e0120703.	1.1	14
66	Performance of a Hybrid Fungal Pathogen on Pure-Species and Hybrid Host Plants. <i>International Journal of Plant Sciences</i> , 2014, 175, 724-730.	0.6	13
67	Independent domestications of cultivated tree peonies from different wild peony species. <i>Molecular Ecology</i> , 2014, 23, 82-95.	2.0	41
68	5. All paths lead to Rome: Evolutionary convergence and divergence of K <sup>+</sup> channel blocking toxins. <i>Toxicon</i> , 2014, 91, 166.	0.8	0
69	Induction of sexual reproduction and genetic diversity in the cheese fungus <i>Penicillium roqueforti</i> . <i>Evolutionary Applications</i> , 2014, 7, 433-441.	1.5	57
70	Multiple recent horizontal transfers of a large genomic region in cheese making fungi. <i>Nature Communications</i> , 2014, 5, 2876.	5.8	195
71	Fungal evolutionary genomics provides insight into the mechanisms of adaptive divergence in eukaryotes. <i>Molecular Ecology</i> , 2014, 23, 753-773.	2.0	203
72	The domestication and evolutionary ecology of apples. <i>Trends in Genetics</i> , 2014, 30, 57-65.	2.9	261

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73	High Variability of Mitochondrial Gene Order among Fungi. <i>Genome Biology and Evolution</i> , 2014, 6, 451-465.	1.1	223
74	News of the Société Botanique de France. <i>Acta Botanica Gallica</i> , 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. <i>PLoS ONE</i> , 2014, 9, e98526.	1.1	15
76	Massive gene swamping among cheese-making <i>Penicillium</i> fungi. <i>Microbial Cell</i> , 2014, 1, 107-109.	1.4	7
77	Deleterious effects of recombination and possible nonrecombinatorial advantages of sex in a fungal model. <i>Journal of Evolutionary Biology</i> , 2013, 26, 1968-1978.	0.8	23
78	Evolution of uni- and bifactorial sexual compatibility systems in fungi. <i>Heredity</i> , 2013, 111, 445-455.	1.2	73
79	History of the invasion of the anther smut pathogen on <i>Silene latifolia</i> in North America. <i>New Phytologist</i> , 2013, 198, 946-956.	3.5	33
80	Postglacial recolonization history of the European crabapple ( <i>Malus sylvestris</i> ). <i>Evolution</i> , 2013, 67, 2249-2263.	2.0	86
81	A road map for molecular ecology. <i>Molecular Ecology</i> , 2013, 22, 2605-2626.	2.0	100
82	Genetic signature of a range expansion and leapfrog event after the recent invasion of Europe by the grapevine downy mildew pathogen <i>Plasmopara viticola</i> . <i>Molecular Ecology</i> , 2013, 22, 2771-2786.	2.0	86
83	Allee effects in ants. <i>Journal of Animal Ecology</i> , 2013, 82, 956-965.	1.3	37
84	Purifying selection after episodes of recurrent adaptive diversification in fungal pathogens. <i>Infection, Genetics and Evolution</i> , 2013, 17, 123-131.	1.0	15
85	Cospeciation vs host-shift speciation: methods for testing, evidence from natural associations and relation to coevolution. <i>New Phytologist</i> , 2013, 198, 347-385.	3.5	352
86	Do black truffles avoid sexual harassment by linking mating type and vegetative incompatibility?. <i>New Phytologist</i> , 2013, 199, 10-13.	3.5	29
87	The <i>D</i> and <i>J</i> mycelial and <i>M</i> and <i>H</i> yeast fungus: noble rot versus gray mold symptoms of <i>Botrytis cinerea</i> on grapes. <i>Evolutionary Applications</i> , 2013, 6, 960-969.	1.5	40
88	Crop-wild gene flow and spatial genetic structure in the closest wild relatives of the cultivated apple. <i>Evolutionary Applications</i> , 2013, 6, 737-748.	1.5	54
89	Extensive Divergence Between Mating-Type Chromosomes of the Anther-Smut Fungus. <i>Genetics</i> , 2013, 193, 309-315.	1.2	55
90	Lineage Selection and the Maintenance of Sex. <i>PLoS ONE</i> , 2013, 8, e66906.	1.1	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. <i>PLoS Genetics</i> , 2012, 8, e1002703.	1.5	334
92	Sex in Cheese: Evidence for Sexuality in the Fungus <i>Penicillium roqueforti</i> . <i>PLoS ONE</i> , 2012, 7, e49665.	1.1	40
93	The tempo and modes of evolution of reproductive isolation in fungi. <i>Heredity</i> , 2012, 109, 204-214.	1.2	35
94	Evolution of pathogenicity traits in the apple scab fungal pathogen in response to the domestication of its host. <i>Evolutionary Applications</i> , 2012, 5, 694-704.	1.5	28
95	SIBLING COMPETITION ARENA: SELFING AND A COMPETITION ARENA CAN COMBINE TO CONSTITUTE A BARRIER TO GENE FLOW IN SYMPATRY. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1917-1930.	1.1	22
96	LINKAGE TO THE MATING-TYPE LOCUS ACROSS THE GENUS <i>MICROBOTRYUM</i> : INSIGHTS INTO NONRECOMBINING CHROMOSOMES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3519-3533.	1.1	32
97	Genes under positive selection in a model plant pathogenic fungus, <i>Botrytis</i> . <i>Infection, Genetics and Evolution</i> , 2012, 12, 987-996.	1.0	40
98	Migration patterns and changes in population biology associated with the worldwide spread of the oilseed rape pathogen <i>Leptosphaeria maculans</i> . <i>Molecular Ecology</i> , 2012, 21, 2519-2533.	2.0	34
99	Sex, outcrossing and mating types: unsolved questions in fungi and beyond. <i>Journal of Evolutionary Biology</i> , 2012, 25, 1020-1038.	0.8	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 <i>Sclerotinia sclerotiorum</i> and <i>Botrytis cinerea</i> . <i>PLoS Genetics</i> , 2011, 7, e1002230.	1.5	902
103	Having sex, yes, but with whom? Inferences from fungi on the evolution of anisogamy and mating types. <i>Biological Reviews</i> , 2011, 86, 421-442.	4.7	204
104	Nuclear and Chloroplast Microsatellites Show Multiple Introductions in the Worldwide Invasion History of Common Ragweed, <i>Ambrosia artemisiifolia</i> . <i>PLoS ONE</i> , 2011, 6, e17658.	1.1	105
105	Temporal isolation explains host-related genetic differentiation in a group of widespread mycoparasitic fungi. <i>Molecular Ecology</i> , 2011, 20, 1492-1507.	2.0	37
106	Emergence of novel fungal pathogens by ecological speciation: importance of the reduced viability of immigrants. <i>Molecular Ecology</i> , 2011, 20, 4521-4532.	2.0	60
107	COMPETITION, COOPERATION AMONG KIN, AND VIRULENCE IN MULTIPLE INFECTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1357-1366.	1.1	54
108	Bacterial cooperation controlled by mobile elements: kin selection versus infectivity. <i>Heredity</i> , 2011, 107, 277-278.	1.2	9

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109	Distinct invasion sources of common ragweed ( <i>Ambrosia artemisiifolia</i> ) in Eastern and Western Europe. <i>Biological Invasions</i> , 2011, 13, 933-944.	1.2	69
110	The evolution of species concepts and species recognition criteria in plant pathogenic fungi. <i>Fungal Diversity</i> , 2011, 50, 121-133.	4.7	148
111	Maintenance of Fungal Pathogen Species That Are Specialized to Different Hosts: Allopatric Divergence and Introgression through Secondary Contact. <i>Molecular Biology and Evolution</i> , 2011, 28, 459-471.	3.5	79
112	The impact of genome defense on mobile elements in <i>Microbotryum</i> . <i>Genetica</i> , 2010, 138, 313-319.	0.5	6
113	Microsatellite loci to recognize species for the cheese starter and contaminating strains associated with cheese manufacturing. <i>International Journal of Food Microbiology</i> , 2010, 137, 204-213.	2.1	56
114	Distribution of the anther smut pathogen <i>Microbotryum</i> on species of the Caryophyllaceae. <i>New Phytologist</i> , 2010, 187, 217-229.	3.5	73
115	The worldwide expansion of the Argentine ant. <i>Diversity and Distributions</i> , 2010, 16, 170-186.	1.9	82
116	Finding candidate genes under positive selection in Non-model species: examples of genes involved in host specialization in pathogens. <i>Molecular Ecology</i> , 2010, 19, 292-306.	2.0	44
117	Using phylogenies of pheromone receptor genes in the <i>Microbotryum violaceum</i> species complex to investigate possible speciation by hybridization. <i>Mycologia</i> , 2010, 102, 689-696.	0.8	28
118	Glacial Refugia in Pathogens: European Genetic Structure of Anther Smut Pathogens on <i>Silene latifolia</i> and <i>Silene dioica</i> . <i>PLoS Pathogens</i> , 2010, 6, e1001229.	2.1	70
119	No Evidence of Reproductive Character Displacement between Two Sister Fungal Species Causing Anther Smut Disease in <i>Silene</i> . <i>International Journal of Plant Sciences</i> , 2010, 171, 847-859.	0.6	12
120	Sex in <i>Penicillium</i> : Combined phylogenetic and experimental approaches. <i>Fungal Genetics and Biology</i> , 2010, 47, 693-706.	0.9	40
121	Linking the emergence of fungal plant diseases with ecological speciation. <i>Trends in Ecology and Evolution</i> , 2010, 25, 387-395.	4.2	281
122	In response to comment on "A congruence index for testing topological similarity between trees". <i>Bioinformatics</i> , 2009, 25, 150-151.	1.8	6
123	Ancient Trans-specific Polymorphism at Pheromone Receptor Genes in Basidiomycetes. <i>Genetics</i> , 2009, 181, 209-223.	1.2	68
124	Within-host competitive exclusion among species of the anther smut pathogen. <i>BMC Ecology</i> , 2009, 9, 11.	3.0	26
125	<i>Silene</i> as a model system in ecology and evolution. <i>Heredity</i> , 2009, 103, 5-14.	1.2	203
126	Hybrid sterility and inviability in the parasitic fungal species complex <i>Microbotryum</i> . <i>Journal of Evolutionary Biology</i> , 2009, 22, 683-698.	0.8	40



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127	Phylogenetic determinants of potential host shifts in fungal pathogens. <i>Journal of Evolutionary Biology</i> , 2009, 22, 2532-2541.	0.8	92
128	Rapidly evolving genes in pathogens: Methods for detecting positive selection and examples among fungi, bacteria, viruses and protists. <i>Infection, Genetics and Evolution</i> , 2009, 9, 656-670.	1.0	100
129	Chapter 3 Genome Evolution in Plant Pathogenic and Symbiotic Fungi. <i>Advances in Botanical Research</i> , 2009, , 151-193.	0.5	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> . <i>Molecular Ecology Resources</i> , 2008, 8, 387-392.	2.2	22
131	Sympatric genetic differentiation of a generalist pathogenic fungus, <i>Botrytis cinerea</i> , on two different host plants, grapevine and bramble. <i>Journal of Evolutionary Biology</i> , 2008, 21, 122-132.	0.8	103
132	Existence of a pattern of reproductive character displacement in <i>Homobasidiomycota</i> but not in <i>Ascomycota</i> . <i>Journal of Evolutionary Biology</i> , 2008, 21, 761-772.	0.8	60
133	Maximized virulence in a sterilizing pathogen: the anther smut fungus and its coevolved hosts. <i>Journal of Evolutionary Biology</i> , 2008, 21, 1544-1554.	0.8	66
134	Funybase: a Fungal phylogenomic database. <i>BMC Bioinformatics</i> , 2008, 9, 456.	1.2	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. <i>BMC Evolutionary Biology</i> , 2008, 8, 100.	3.2	116
136	Genetic diversity in natural populations: a fundamental component of plant-microbe interactions. <i>Current Opinion in Plant Biology</i> , 2008, 11, 135-143.	3.5	85
137	Speciation in fungi. <i>Fungal Genetics and Biology</i> , 2008, 45, 791-802.	0.9	281
138	Mating System of the Anther Smut Fungus <i>Microbotryum violaceum</i> : Selfing under Heterothallism. <i>Eukaryotic Cell</i> , 2008, 7, 765-775.	3.4	129
139	Assessing the Performance of Single-Copy Genes for Recovering Robust Phylogenies. <i>Systematic Biology</i> , 2008, 57, 613-627.	2.7	162
140	Population genetics of fungal diseases of plants. <i>Parasite</i> , 2008, 15, 449-454.	0.8	43
141	A congruence index for testing topological similarity between trees. <i>Bioinformatics</i> , 2007, 23, 3119-3124.	1.8	176
142	Multiple Infections by the Anther Smut Pathogen Are Frequent and Involve Related Strains. <i>PLoS Pathogens</i> , 2007, 3, e176.	2.1	86
143	Challenges of microsatellite isolation in fungi. <i>Fungal Genetics and Biology</i> , 2007, 44, 933-949.	0.9	166
144	Antagonistic pleiotropy may help population-level selection in maintaining genetic polymorphism for transmission rate in a model phytopathogenic fungus. <i>Heredity</i> , 2007, 98, 45-52.	1.2	9

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145	When can host shifts produce congruent host and parasite phylogenies? A simulation approach. <i>Journal of Evolutionary Biology</i> , 2007, 20, 1428-1438.	0.8	75
146	PHYLOGENETIC EVIDENCE OF HOST-SPECIFIC CRYPTIC SPECIES IN THE ANTHR SMUT FUNGUS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 15-26.	1.1	209
147	EVOLUTION OF REPRODUCTIVE ISOLATION WITHIN A PARASITIC FUNGAL SPECIES COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1781-1787.	1.1	66
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