

Michael G Milgroom

List of Publications by Year in descending order

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33
papers

2,491
citations

331670

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Genetic Differentiation of <i>Verticillium dahliae</i> Populations Recovered from Symptomatic and Asymptomatic Hosts. <i>Phytopathology</i> , 2021, 111, 149-159. | 2.2 | 9 |
| 2 | Microevolution in the pansecondary metabolome of <i>Aspergillus flavus</i> and its potential macroevolutionary implications for filamentous fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 34 |
| 3 | The Frequency of Sex: Population Genomics Reveals Differences in Recombination and Population Structure of the Aflatoxin-Producing Fungus <i>Aspergillus flavus</i> . <i>MBio</i> , 2020, 11, . | 4.1 | 27 |
| 4 | Genome Sequence of the Chestnut Blight Fungus <i>Cryphonectria parasitica</i> EP155: A Fundamental Resource for an Archetypical Invasive Plant Pathogen. <i>Phytopathology</i> , 2020, 110, 1180-1188. | 2.2 | 34 |
| 5 | Fitness Cost of Aflatoxin Production in <i>Aspergillus flavus</i> When Competing with Soil Microbes Could Maintain Balancing Selection. <i>MBio</i> , 2019, 10, . | 4.1 | 21 |
| 6 | Population Subdivision and the Frequency of Aflatoxigenic Isolates in <i>Aspergillus flavus</i> in the United States. <i>Phytopathology</i> , 2019, 109, 878-886. | 2.2 | 8 |
| 7 | Population Genetics of <i>Verticillium dahliae</i> in Iran Based on Microsatellite and Single Nucleotide Polymorphism Markers. <i>Phytopathology</i> , 2018, 108, 780-788. | 2.2 | 9 |
| 8 | Balancing selection at nonself recognition loci in the chestnut blight fungus, <i>Cryphonectria parasitica</i> , demonstrated by trans-species polymorphisms, positive selection, and even allele frequencies. <i>Heredity</i> , 2018, 121, 511-523. | 2.6 | 14 |
| 9 | Balancing selection for aflatoxin in <i>Aspergillus flavus</i> is maintained through interference competition with, and fungivory by insects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20172408. | 2.6 | 54 |
| 10 | Clonal Expansion and Migration of a Highly Virulent, Defoliating Lineage of <i>Verticillium dahliae</i> . <i>Phytopathology</i> , 2016, 106, 1038-1046. | 2.2 | 34 |
| 11 | Population Genomics of Fungal and Oomycete Pathogens. <i>Annual Review of Phytopathology</i> , 2016, 54, 323-346. | 7.8 | 96 |
| 12 | Aphid vector population density determines the emergence of necrogenic satellite RNAs in populations of cucumber mosaic virus. <i>Journal of General Virology</i> , 2016, 97, 1453-1457. | 2.9 | 6 |
| 13 | Vertical Transmission Selects for Reduced Virulence in a Plant Virus and for Increased Resistance in the Host. <i>PLoS Pathogens</i> , 2014, 10, e1004293. | 4.7 | 65 |
| 14 | Recombination between Clonal Lineages of the Asexual Fungus <i>Verticillium dahliae</i> Detected by Genotyping by Sequencing. <i>PLoS ONE</i> , 2014, 9, e106740. | 2.5 | 95 |
| 15 | Clonal population structure and introductions of the chestnut blight fungus, <i>Cryphonectria parasitica</i> , in Asturias, northern Spain. <i>European Journal of Plant Pathology</i> , 2011, 131, 67-79. | 1.7 | 20 |
| 16 | Heterokaryons and parasexual recombinants of <i>Cryphonectria parasitica</i> in two clonal populations in southeastern Europe. <i>Fungal Genetics and Biology</i> , 2009, 46, 849-854. | 2.1 | 36 |
| 17 | Clonal population structure of the chestnut blight fungus in expanding ranges in southeastern Europe. <i>Molecular Ecology</i> , 2008, 17, 4446-4458. | 3.9 | 87 |
| 18 | High diversity of vegetative compatibility types in <i>Cryphonectria parasitica</i> in Japan and China. <i>Mycologia</i> , 2007, 99, 279-284. | 1.9 | 47 |

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|----|---|-----|-----------|
| 19 | Markers linked to vegetative incompatibility (vic) genes and a region of high heterogeneity and reduced recombination near the mating type locus (MAT) in <i>Cryphonectria parasitica</i> . <i>Fungal Genetics and Biology</i> , 2006, 43, 453-463. | 2.1 | 32 |
| 20 | Heterokaryon incompatibility function of barrage-associated vegetative incompatibility genes (vic) in <i>Cryphonectria parasitica</i> . <i>Mycologia</i> , 2006, 98, 43-50. | 1.9 | 14 |
| 21 | Heterokaryon incompatibility function of barrage-associated vegetative incompatibility genes (vic) in <i>Cryphonectria parasitica</i> . <i>Mycologia</i> , 2006, 98, 43-50. | 1.9 | 26 |
| 22 | BIOLOGICAL CONTROL OF CHESTNUT BLIGHT WITH HYPOVIRULENCE: A Critical Analysis. <i>Annual Review of Phytopathology</i> , 2004, 42, 311-338. | 7.8 | 409 |
| 23 | Recombination and Migration of <i>Cryphonectria hypovirus 1</i> as Inferred From Gene Genealogies and the Coalescent. <i>Genetics</i> , 2004, 166, 1611-1629. | 2.9 | 14 |
| 24 | Persistence of <i>Cryphonectria hypoviruses</i> after their release for biological control of chestnut blight in West Virginia forests. <i>Forest Pathology</i> , 2002, 32, 345-356. | 1.1 | 14 |
| 25 | The mating system of the fungus <i>Cryphonectria parasitica</i> : selfing and self-incompatibility. <i>Heredity</i> , 2001, 86, 134-143. | 2.6 | 61 |
| 26 | Genetic Control of Horizontal Virus Transmission in the Chestnut Blight Fungus, <i>Cryphonectria parasitica</i> . <i>Genetics</i> , 2001, 159, 107-118. | 2.9 | 188 |
| 27 | Variation in Tolerance and Virulence in the Chestnut Blight Fungus-Hypovirus Interaction. <i>Applied and Environmental Microbiology</i> , 2000, 66, 4863-4869. | 3.1 | 91 |
| 28 | Origin, genetic diversity, and population structure of <i>Nectria coccinea</i> var. <i>faginata</i> in North America. <i>Mycologia</i> , 1999, 91, 583-592. | 1.9 | 20 |
| 29 | Genetics of Vegetative Incompatibility in <i>Cryphonectria parasitica</i> . <i>Applied and Environmental Microbiology</i> , 1998, 64, 2988-2994. | 3.1 | 176 |
| 30 | Potential diversity in vegetative compatibility types of <i>Ophiostoma novo-ulmi</i> in North America. <i>Mycologia</i> , 1997, 89, 722-726. | 1.9 | 17 |
| 31 | RECOMBINATION AND THE MULTILOCUS STRUCTURE OF FUNGAL POPULATIONS. <i>Annual Review of Phytopathology</i> , 1996, 34, 457-477. | 7.8 | 496 |
| 32 | Intercontinental population structure of the chestnut blight fungus, <i>Cryphonectria parasitica</i> . <i>Mycologia</i> , 1996, 88, 179-190. | 1.9 | 109 |
| 33 | Estimation of the outcrossing rate in the chestnut blight fungus, <i>Cryphonectria parasitica</i> . <i>Heredity</i> , 1993, 70, 385-392. | 2.6 | 54 |