

Milton T Drott

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

560
citations

949033

11
h-index

1255698

13
g-index

14
all docs

14
docs citations

14
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Why Do Plant-Pathogenic Fungi Produce Mycotoxins? Potential Roles for Mycotoxins in the Plant Ecosystem. <i>Phytopathology</i> , 2022, 112, 2044-2051.	1.1	4
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, .	3.3	34
3	An interpreted atlas of biosynthetic gene clusters from 1,000 fungal genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	94
4	Transcription Factor Repurposing Offers Insights into Evolution of Biosynthetic Gene Cluster Regulation. <i>MBio</i> , 2021, 12, e0139921.	1.8	17
5	Sex and self defense. <i>ELife</i> , 2021, 10, .	2.8	2
6	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, .	1.8	27
7	Diversity of Secondary Metabolism in <i>Aspergillus nidulans</i> Clinical Isolates. <i>MSphere</i> , 2020, 5, .	1.3	32
8	Functional Characterization of Clinical Isolates of the Opportunistic Fungal Pathogen <i>Aspergillus nidulans</i> . <i>MSphere</i> , 2020, 5, .	1.3	32
9	Fitness Cost of Aflatoxin Production in <i>Aspergillus flavus</i> When Competing with Soil Microbes Could Maintain Balancing Selection. <i>MBio</i> , 2019, 10, .	1.8	21
10	Population Subdivision and the Frequency of Aflatoxigenic Isolates in <i>Aspergillus flavus</i> in the United States. <i>Phytopathology</i> , 2019, 109, 878-886.	1.1	8
11	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.	1.2	14
12	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.	1.2	54
13	Patterns, causes and consequences of defensive microbiome dynamics across multiple scales. <i>Molecular Ecology</i> , 2015, 24, 1135-1149.	2.0	126
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.	1.1	95