

Matthew K Gilbert

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

255
citations

1163117

8
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1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA sequencing of an nsdC mutant reveals global regulation of secondary metabolic gene clusters in <i>Aspergillus flavus</i> . <i>Microbiological Research</i> , 2016, 182, 150-161.	5.3	43
2	RNA interference-based silencing of the alpha-amylase (<i>amy1</i>) gene in <i>Aspergillus flavus</i> decreases fungal growth and aflatoxin production in maize kernels. <i>Planta</i> , 2018, 247, 1465-1473.	3.2	34
3	<i>Aspergillus flavus</i>; Secondary Metabolites: More than Just Aflatoxins. <i>Food Safety (Tokyo, Japan)</i> , 2018, 6, 7-32.	1.8	33
4	Carbon Dioxide Mediates the Response to Temperature and Water Activity Levels in <i>Aspergillus flavus</i> during Infection of Maize Kernels. <i>Toxins</i> , 2018, 10, 5.	3.4	31
5	Whole genome comparison of <i>Aspergillus flavus</i> L-morphotype strain NRRL 3357 (type) and S-morphotype strain AF70. <i>PLoS ONE</i> , 2018, 13, e0199169.	2.5	27
6	Draft Genome Sequence of an Aflatoxigenic <i>Aspergillus</i> Species, <i>A. bombycis</i> . <i>Genome Biology and Evolution</i> , 2016, 8, 3297-3300.	2.5	23
7	Naturally occurring high oleic acid cottonseed oil: identification and functional analysis of a mutant allele of <i>Gossypium barbadense</i> fatty acid desaturase-2. <i>Planta</i> , 2017, 245, 611-622.	3.2	23
8	Identification of a copper-transporting ATPase involved in biosynthesis of <i>A. flavus</i> conidial pigment. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4889-4897.	3.6	17
9	Genetic Responses and Aflatoxin Inhibition during Co-Culture of Aflatoxigenic and Non-Aflatoxigenic <i>Aspergillus flavus</i> . <i>Toxins</i> , 2021, 13, 794.	3.4	9
10	Genome Sequences of 20 Georeferenced <i>Aspergillus flavus</i> Isolates. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
11	Flavonoids Modulate the Accumulation of Toxins From <i>Aspergillus flavus</i> in Maize Kernels. <i>Frontiers in Plant Science</i> , 2021, 12, 761446.	3.6	5
12	Development of sexual structures influences metabolomic and transcriptomic profiles in <i>Aspergillus flavus</i> . <i>Fungal Biology</i> , 2022, 126, 187-200.	2.5	4
13	Dataset for transcriptomic profiles associated with development of sexual structures in <i>Aspergillus flavus</i> . <i>Data in Brief</i> , 2022, 42, 108033.	1.0	1