

Anthony E Glenn

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,610
citations

236925

25
h-index

214800

47
g-index

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all docs

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docs citations

49
times ranked

2815
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey of Meat Collected from Commercial Broiler Processing Plants Suggests Low Levels of Semicarbazide Can Be Created during Immersion Chilling. <i>Journal of Food Protection</i> , 2022, 85, 798-802.	1.7	1
2	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic <i>Fusarium</i> that Includes the <i>Fusarium solani</i> Species Complex. <i>Phytopathology</i> , 2021, 111, 1064-1079.	2.2	107
3	Pyrocidine, a molecular off switch for fumonisin biosynthesis. <i>PLoS Pathogens</i> , 2020, 16, e1008595.	4.7	17
4	Identifying candidate <i>Aspergillus</i> pathogenicity factors by annotation frequency. <i>BMC Microbiology</i> , 2020, 20, 342.	3.3	6
5	Genome-wide analysis of <i>Fusarium verticillioides</i> reveals inter-kingdom contribution of horizontal gene transfer to the expansion of metabolism. <i>Fungal Genetics and Biology</i> , 2019, 128, 60-73.	2.1	8
6	<i>Fusarium verticillioides</i> : Advancements in Understanding the Toxicity, Virulence, and Niche Adaptations of a Model Mycotoxigenic Pathogen of Maize. <i>Phytopathology</i> , 2018, 108, 312-326.	2.2	72
7	Characterization of two catalase- ϵ peroxidase-encoding genes in <i>Fusarium verticillioides</i> reveals differential responses to <i>in vitro</i> versus <i>in planta</i> oxidative challenges. <i>Molecular Plant Pathology</i> , 2018, 19, 1127-1139.	4.2	9
8	Arylamine N-Acetyltransferases in Eukaryotic Microorganisms. , 2018, , 255-281.		1
9	Rapid Deletion Production in Fungi via <i>Agrobacterium</i> Mediated Transformation of OSCAR Deletion Constructs. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	9
10	Fungal Lactamases: Their Occurrence and Function. <i>Frontiers in Microbiology</i> , 2017, 8, 1775.	3.5	32
11	A Novel Population of <i>Fusarium fujikuroi</i> Isolated from Southeastern U.S. Winegrapes Reveals the Need to Re-Evaluate the Species's Fumonisin Production. <i>Toxins</i> , 2016, 8, 254.	3.4	16
12	<i>Acremonium camptosporum</i> isolated as an endophyte of <i>Bursera simaruba</i> from Yucatan Peninsula, Mexico. <i>Mycotaxon</i> , 2016, 131, 211-225.	0.3	3
13	Two Horizontally Transferred Xenobiotic Resistance Gene Clusters Associated with Detoxification of Benzoxazinones by <i>Fusarium</i> Species. <i>PLoS ONE</i> , 2016, 11, e0147486.	2.5	36
14	Homologues of xenobiotic metabolizing N-acetyltransferases in plant-associated fungi: Novel functions for an old enzyme family. <i>Scientific Reports</i> , 2015, 5, 12900.	3.3	23
15	Effects of Hydrogen Peroxide on Different Toxigenic and Atoxigenic Isolates of <i>Aspergillus flavus</i> . <i>Toxins</i> , 2015, 7, 2985-2999.	3.4	39
16	Acremoxanthone E, a Novel Member of Heterodimeric Polyketides with a Bicyclo[3.2.2]nonene Ring, Produced by <i>Acremonium camptosporum</i> W. <i>Gams</i> (Clavicipitaceae) Endophytic Fungus. <i>Chemistry and Biodiversity</i> , 2015, 12, 133-147.	2.1	27
17	β -Glucosidase Inhibitors from a <i>Xylaria feejeensis</i> Associated with <i>Hintonia latiflora</i> . <i>Journal of Natural Products</i> , 2015, 78, 730-735.	3.0	47
18	Analyses of Black <i>Aspergillus</i> Species of Peanut and Maize for Ochratoxins and Fumonisin. <i>Journal of Food Protection</i> , 2014, 77, 805-813.	1.7	10

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19	Maize Seedling Blight Induced by <i>Fusarium verticillioides</i> : Accumulation of Fumonisin B ₁ in Leaves without Colonization of the Leaves. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 2118-2125.	5.2	20
20	Absolute Configuration of Acremoxanthone C, a Potent Calmodulin Inhibitor from <i>Purpureocillium lilacinum</i> . <i>Journal of Natural Products</i> , 2013, 76, 1454-1460.	3.0	15
21	Thielavins A, J and K: Î±-Glucosidase inhibitors from MEXU 27095, an endophytic fungus from <i>Hintonia latiflora</i> . <i>Phytochemistry</i> , 2013, 94, 198-205.	2.9	41
22	One Fungus, One Name: Defining the Genus <i>Fusarium</i> in a Scientifically Robust Way That Preserves Longstanding Use. <i>Phytopathology</i> , 2013, 103, 400-408.	2.2	219
23	Metabolites from the entophytic fungus <i>Sporormiella minimoides</i> isolated from <i>Hintonia latiflora</i> . <i>Phytochemistry</i> , 2013, 96, 273-278.	2.9	17
24	(+)-Ascosalitoxin and Vermelhotin, a Calmodulin Inhibitor, from an Endophytic Fungus Isolated from <i>Hintonia latiflora</i> . <i>Journal of Natural Products</i> , 2012, 75, 1571-1577.	3.0	25
25	Fungal Endophyte Diversity in <i>Sarracenia</i> . <i>PLoS ONE</i> , 2012, 7, e32980.	2.5	23
26	Allelochemical Effects of Volatile Compounds and Organic Extracts from <i>Muscodor yucatanensis</i> , a Tropical Endophytic Fungus from <i>Bursera simaruba</i> . <i>Journal of Chemical Ecology</i> , 2010, 36, 1122-1131.	1.8	79
27	Comparative genomic and phylogenetic investigation of the xenobiotic metabolizing arylamine N-acetyltransferase enzyme family. <i>FEBS Letters</i> , 2010, 584, 3158-3164.	2.8	27
28	Exploring the evolutionary ecology of fungal endophytes in agricultural systems: using functional traits to reveal mechanisms in community processes. <i>Evolutionary Applications</i> , 2010, 3, 525-537.	3.1	87
29	Translocation of Sphingoid Bases and Their 1-Phosphates, but Not Fumonisin, from Roots to Aerial Tissues of Maize Seedlings Watered with Fumonisin. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7476-7481.	5.2	18
30	Chemotaxis Disruption in <i>Pratylenchus Scribneri</i> by Tall Fescue Root Extracts and Alkaloids. <i>Journal of Chemical Ecology</i> , 2009, 35, 844-850.	1.8	36
31	A two-locus DNA sequence database for typing plant and human pathogens within the <i>Fusarium oxysporum</i> species complex. <i>Fungal Genetics and Biology</i> , 2009, 46, 936-948.	2.1	275
32	Use of a rep-PCR system to predict species in the <i>Aspergillus</i> section <i>Nigri</i> . <i>Journal of Microbiological Methods</i> , 2009, 79, 1-7.	1.6	28
33	<i>Muscodor yucatanensis</i> , a new endophytic ascomycete from Mexican chakah, <i>Bursera simaruba</i> . <i>Mycotaxon</i> , 2009, 110, 363-372.	0.3	50
34	A single extraction method for the analysis by liquid chromatography/tandem mass spectrometry of fumonisin and biomarkers of disrupted sphingolipid metabolism in tissues of maize seedlings. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2257-2263.	3.7	35
35	Naphthoquinone spiroketal with allelochemical activity from the newly discovered endophytic fungus <i>Edenia goezpompae</i> . <i>Phytochemistry</i> , 2008, 69, 1185-1196.	2.9	93
36	Transformation-Mediated Complementation of a <i>FUM</i> Gene Cluster Deletion in <i>Fusarium verticillioides</i> Restores both Fumonisin Production and Pathogenicity on Maize Seedlings. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 87-97.	2.6	158

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37	Fumonisin Disruption of Ceramide Biosynthesis in Maize Roots and the Effects on Plant Development and <i>Fusarium verticillioides</i> -Induced Seedling Disease. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 2937-2946.	5.2	70
38	Estimated Fumonisin Exposure in Guatemala Is Greatest in Consumers of Lowland Maize ., <i>Journal of Nutrition</i> , 2007, 137, 2723-2729.	2.9	46
39	Interactions of <i>Bacillus mojavensis</i> and <i>Fusarium verticillioides</i> with a Benzoxazolinone (BOA) and its Transformation Product, APO. <i>Journal of Chemical Ecology</i> , 2007, 33, 1885-1897.	1.8	31
40	Fumonisin Production and Bioavailability to Maize Seedlings Grown from Seeds Inoculated with <i>Fusarium verticillioides</i> and Grown in Natural Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 5694-5700.	5.2	36
41	Natural variation of ascospore and conidial germination by <i>Fusarium verticillioides</i> and other <i>Fusarium</i> species. <i>Mycological Research</i> , 2006, 110, 211-219.	2.5	13
42	Comparative analysis of 87,000 expressed sequence tags from the fumonisin-producing fungus <i>Fusarium verticillioides</i> . <i>Fungal Genetics and Biology</i> , 2005, 42, 848-861.	2.1	91
43	Genetic and Morphological Characterization of a <i>Fusarium verticillioides</i> Conidiation Mutant. <i>Mycologia</i> , 2004, 96, 968.	1.9	11
44	Genetic and morphological characterization of a <i>Fusarium verticillioides</i> conidiation mutant. <i>Mycologia</i> , 2004, 96, 968-980.	1.9	18
45	Genetic and morphological characterization of a <i>Fusarium verticillioides</i> conidiation mutant. <i>Mycologia</i> , 2004, 96, 968-80.	1.9	2
46	Molecular Phylogeny of <i>Acremonium</i> and Its Taxonomic Implications. <i>Mycologia</i> , 1996, 88, 369.	1.9	257
47	Molecular phylogeny of <i>Acremonium</i> and its taxonomic implications. <i>Mycologia</i> , 1996, 88, 369-383.	1.9	309
48	Endophyte-Host Associations in Grasses. XXI. Studies on the Structure and Development of <i>Balanisia obtecta</i> . <i>Mycologia</i> , 1995, 87, 172.	1.9	15
49	Transcriptomic Responses of <i>Fusarium verticillioides</i> to Lactam and Lactone Xenobiotics. <i>Frontiers in Fungal Biology</i> , 0, 3, .	2.0	2