Anthony E Glenn

List of Publications by Year
in descending order

49 papers	2,610 citations	236925 25 h-index	214800 47 g-index
49 all docs	49 docs citations	49 times ranked	2815 citing authors

#	Article	IF	Citations
1	Molecular phylogeny ofAcremoniumand its taxonomic implications. Mycologia, 1996, 88, 369-383.	1.9	309
2	A two-locus DNA sequence database for typing plant and human pathogens within the Fusarium oxysporum species complex. Fungal Genetics and Biology, 2009, 46, 936-948.	2.1	275
3	Molecular Phylogeny of Acremonium and Its Taxonomic Implications. Mycologia, 1996, 88, 369.	1.9	257
4	One Fungus, One Name: Defining the Genus Fusarium in a Scientifically Robust Way That Preserves Longstanding Use. Phytopathology, 2013, 103, 400-408.	2.2	219
5	Transformation-Mediated Complementation of a FUM Gene Cluster Deletion in Fusarium verticillioides Restores both Fumonisin Production and Pathogenicity on Maize Seedlings. Molecular Plant-Microbe Interactions, 2008, 21, 87-97.	2.6	158
6	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a MonophyleticFusariumthat Includes theFusarium solaniSpecies Complex. Phytopathology, 2021, 111, 1064-1079.	2.2	107
7	Naphthoquinone spiroketal with allelochemical activity from the newly discovered endophytic fungus Edenia gomezpompae. Phytochemistry, 2008, 69, 1185-1196.	2.9	93
8	Comparative analysis of 87,000 expressed sequence tags from the fumonisin-producing fungus Fusarium verticillioides. Fungal Genetics and Biology, 2005, 42, 848-861.	2.1	91
9	Exploring the evolutionary ecology of fungal endophytes in agricultural systems: using functional traits to reveal mechanisms in community processes. Evolutionary Applications, 2010, 3, 525-537.	3.1	87
10	Allelochemical Effects of Volatile Compounds and Organic Extracts from Muscodor yucatanensis, a Tropical Endophytic Fungus from Bursera simaruba. Journal of Chemical Ecology, 2010, 36, 1122-1131.	1.8	79
11	Fusarium verticillioides: Advancements in Understanding the Toxicity, Virulence, and Niche Adaptations of a Model Mycotoxigenic Pathogen of Maize. Phytopathology, 2018, 108, 312-326.	2.2	72
12	Fumonisin Disruption of Ceramide Biosynthesis in Maize Roots and the Effects on Plant Development andFusarium verticillioides-Induced Seedling Disease. Journal of Agricultural and Food Chemistry, 2007, 55, 2937-2946.	5.2	70
13	<I>Muscodor yucatanensis</I>, a new endophytic ascomycete from Mexican chakah, <I>Bursera simaruba</I>. Mycotaxon, 2009, 110, 363-372.	0.3	50
14	Î±-Glucosidase Inhibitors from a Xylaria feejeensis Associated with Hintonia latiflora. Journal of Natural Products, 2015, 78, 730-735.	3.0	47
15	Estimated Fumonisin Exposure in Guatemala Is Greatest in Consumers of Lowland Maize ,. Journal of Nutrition, 2007, 137, 2723-2729.	2.9	46
16	Thielavins A, J and K: Î±-Glucosidase inhibitors from MEXU 27095, an endophytic fungus from Hintonia latiflora. Phytochemistry, 2013, 94, 198-205.	2.9	41
17	Effects of Hydrogen Peroxide on Different Toxigenic and Atoxigenic Isolates of Aspergillus flavus. Toxins, 2015, 7, 2985-2999.	3.4	39
18	Fumonisin Production and Bioavailability to Maize Seedlings Grown from Seeds Inoculated withFusarium verticillioidesand Grown in Natural Soils. Journal of Agricultural and Food Chemistry, 2006, 54, 5694-5700.	5.2	36

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19	Chemotaxis Disruption in Pratylenchus Scribneri by Tall Fescue Root Extracts and Alkaloids. Journal of Chemical Ecology, 2009, 35, 844-850.	1.8	36
20	Two Horizontally Transferred Xenobiotic Resistance Gene Clusters Associated with Detoxification of Benzoxazolinones by Fusarium Species. PLoS ONE, 2016, 11, e0147486.	2.5	36
21	A single extraction method for the analysis by liquid chromatography/tandem mass spectrometry of fumonisins and biomarkers of disrupted sphingolipid metabolism in tissues of maize seedlings. Analytical and Bioanalytical Chemistry, 2008, 391, 2257-2263.	3.7	35
22	Fungal Lactamases: Their Occurrence and Function. Frontiers in Microbiology, 2017, 8, 1775.	3.5	32
23	Interactions of Bacillus mojavensis and Fusarium verticillioides with a Benzoxazolinone (BOA) and its Transformation Product, APO. Journal of Chemical Ecology, 2007, 33, 1885-1897.	1.8	31
24	Use of a rep-PCR system to predict species in the Aspergillus section Nigri. Journal of Microbiological Methods, 2009, 79, 1-7.	1.6	28
25	Comparative genomic and phylogenetic investigation of the xenobiotic metabolizing arylamine Nâ€acetyltransferase enzyme family. FEBS Letters, 2010, 584, 3158-3164.	2.8	27
26	Acremoxanthone E, a Novel Member of Heterodimeric Polyketides with a Bicyclo[3.2.2]nonene Ring, Produced by Acremonium camptosporum W. <scp>Gams</scp> (Clavicipitaceae) Endophytic Fungus. Chemistry and Biodiversity, 2015, 12, 133-147.	2.1	27
27	(+)-Ascosalitoxin and Vermelhotin, a Calmodulin Inhibitor, from an Endophytic Fungus Isolated from Hintonia latiflora. Journal of Natural Products, 2012, 75, 1571-1577.	3.0	25
28	Homologues of xenobiotic metabolizing N-acetyltransferases in plant-associated fungi: Novel functions for an old enzyme family. Scientific Reports, 2015, 5, 12900.	3.3	23
29	Fungal Endophyte Diversity in Sarracenia. PLoS ONE, 2012, 7, e32980.	2.5	23
30	Maize Seedling Blight Induced by Fusarium verticillioides: Accumulation of Fumonisin B₁ in Leaves without Colonization of the Leaves. Journal of Agricultural and Food Chemistry, 2014, 62, 2118-2125.	5.2	20
31	Genetic and morphological characterization of aFusarium verticillioidesconidiation mutant. Mycologia, 2004, 96, 968-980.	1.9	18
32	Translocation of Sphingoid Bases and Their 1-Phosphates, but Not Fumonisins, from Roots to Aerial Tissues of Maize Seedlings Watered with Fumonisins. Journal of Agricultural and Food Chemistry, 2010, 58, 7476-7481.	5.2	18
33	Metabolites from the entophytic fungus Sporormiella minimoides isolated from Hintonia latiflora. Phytochemistry, 2013, 96, 273-278.	2.9	17
34	Pyrrocidine, a molecular off switch for fumonisin biosynthesis. PLoS Pathogens, 2020, 16, e1008595.	4.7	17
35	A Novel Population of Fusarium fujikuroi Isolated from Southeastern U.S. Winegrapes Reveals the Need to Re-Evaluate the Speciesâ€™ Fumonisin Production. Toxins, 2016, 8, 254.	3.4	16
36	Endophyte-Host Associations in Grasses. XXI. Studies on the Structure and Development of Balansia obtecta. Mycologia, 1995, 87, 172.	1.9	15

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37	Absolute Configuration of Acremoxanthone C, a Potent Calmodulin Inhibitor from Purpureocillium lilacinum. Journal of Natural Products, 2013, 76, 1454-1460.	3.0	15
38	Natural variation of ascospore and conidial germination by Fusarium verticillioides and other Fusarium species. Mycological Research, 2006, 110, 211-219.	2.5	13
39	Genetic and Morphological Characterization of a Fusarium verticillioides Conidiation Mutant. Mycologia, 2004, 96, 968.	1.9	11
40	Analyses of Black Aspergillus Species of Peanut and Maize for Ochratoxins and Fumonisins. Journal of Food Protection, 2014, 77, 805-813.	1.7	10
41	Rapid Deletion Production in Fungi via Agrobacterium Mediated Transformation of OSCAR Deletion Constructs. Journal of Visualized Experiments, 2017, , .	0.3	9
42	Characterization of two catalaseâ€peroxidaseâ€encoding genes in Fusarium verticillioides reveals differential responses to inÂvitro versus inÂplanta oxidative challenges. Molecular Plant Pathology, 2018, 19, 1127-1139.	4.2	9
43	Genome-wide analysis of Fusarium verticillioides reveals inter-kingdom contribution of horizontal gene transfer to the expansion of metabolism. Fungal Genetics and Biology, 2019, 128, 60-73.	2.1	8
44	Identifying candidate Aspergillus pathogenicity factors by annotation frequency. BMC Microbiology, 2020, 20, 342.	3.3	6
45	Acremonium camptosporum isolated as an endophyte of Bursera simaruba from Yucatan Peninsula, Mexico. Mycotaxon, 2016, 131, 211-225.	0.3	3
46	Genetic and morphological characterization of a Fusarium verticillioides conidiation mutant. Mycologia, 2004, 96, 968-80.	1.9	2
47	Transcriptomic Responses of Fusarium verticillioides to Lactam and Lactone Xenobiotics. Frontiers in Fungal Biology, 0, 3, .	2.0	2
48	Arylamine N-Acetyltransferases in Eukaryotic Microorganisms. , 2018, , 255-281.		1
49	Survey of Meat Collected from Commercial Broiler Processing Plants Suggests Low Levels of Semicarbazide Can Be Created during Immersion Chilling. Journal of Food Protection, 2022, 85, 798-802.	1.7	1