

Jeffrey J Coleman

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

4,379
citations

218677

26
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

5928
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomics reveals mobile pathogenicity chromosomes in <i>Fusarium</i> . <i>Nature</i> , 2010, 464, 367-373.	27.8	1,442
2	The Genome of <i>Nectria haematococca</i> : Contribution of Supernumerary Chromosomes to Gene Expansion. <i>PLoS Genetics</i> , 2009, 5, e1000618.	3.5	402
3	T2 Magnetic Resonance Enables Nanoparticle-Mediated Rapid Detection of Candidemia in Whole Blood. <i>Science Translational Medicine</i> , 2013, 5, 182ra54.	12.4	228
4	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
5	Efflux in Fungi: La Pièce de Résistance. <i>PLoS Pathogens</i> , 2009, 5, e1000486.	4.7	210
6	Concepts and Principles of Photodynamic Therapy as an Alternative Antifungal Discovery Platform. <i>Frontiers in Microbiology</i> , 2012, 3, 120.	3.5	200
7	The <i>Fusarium solani</i> species complex: ubiquitous pathogens of agricultural importance. <i>Molecular Plant Pathology</i> , 2016, 17, 146-158.	4.2	144
8	<i>Fusarium</i> Infection. <i>Medicine (United States)</i> , 2013, 92, 305-316.	1.0	134
9	Characterization of Plant-Derived Saponin Natural Products against <i>Candida albicans</i> . <i>ACS Chemical Biology</i> , 2010, 5, 321-332.	3.4	115
10	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
11	Efficient genome editing in <i>Fusarium oxysporum</i> based on CRISPR/Cas9 ribonucleoprotein complexes. <i>Fungal Genetics and Biology</i> , 2018, 117, 21-29.	2.1	91
12	Identification of Antifungal Compounds Active against <i>Candida albicans</i> Using an Improved High-Throughput <i>Caenorhabditis elegans</i> Assay. <i>PLoS ONE</i> , 2009, 4, e7025.	2.5	87
13	An ABC Transporter and a Cytochrome P450 of <i>Nectria haematococca</i> MPVI Are Virulence Factors on Pea and Are the Major Tolerance Mechanisms to the Phytoalexin Pisatin. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 368-376.	2.6	87
14	Targeting the fungal cell wall: current therapies and implications for development of alternative antifungal agents. <i>Future Medicinal Chemistry</i> , 2019, 11, 869-883.	2.3	71
15	Antifungal Activity of Microbial Secondary Metabolites. <i>PLoS ONE</i> , 2011, 6, e25321.	2.5	69
16	The challenge of managing fusariosis. <i>Virulence</i> , 2011, 2, 91-96.	4.4	68
17	<i>Fusarium</i> Infection in Lung Transplant Patients. <i>Medicine (United States)</i> , 2011, 90, 69-80.	1.0	67
18	No to <i>Neocosmospora</i> : Phylogenomic and Practical Reasons for Continued Inclusion of the <i>Fusarium solani</i> Species Complex in the Genus <i>Fusarium</i> . <i>MSphere</i> , 2020, 5, .	2.9	61

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19	Polymerase Chain Reaction-Based Assays for the Diagnosis of Invasive Fungal Infections. <i>Clinical Infectious Diseases</i> , 2012, 54, 1322-1331.	5.8	59
20	Oral <i>Candida albicans</i> isolates from HIV-positive individuals have similar in vitro biofilm-forming ability and pathogenicity as invasive <i>Candida</i> isolates. <i>BMC Microbiology</i> , 2011, 11, 247.	3.3	58
21	The genome of opportunistic fungal pathogen <i>Fusarium oxysporum</i> carries a unique set of lineage-specific chromosomes. <i>Communications Biology</i> , 2020, 3, 50.	4.4	55
22	Progress and Challenges: Development and Implementation of CRISPR/Cas9 Technology in Filamentous Fungi. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 761-769.	4.1	53
23	<i>Fusarium</i> pathogenesis investigated using <i>Galleria mellonella</i> as a heterologous host. <i>Fungal Biology</i> , 2011, 115, 1279-1289.	2.5	43
24	Characterization of the Gene Encoding Pisatin Demethylase (<i>FoPDA1</i>) in <i>Fusarium oxysporum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1482-1491.	2.6	43
25	CRISPR/Cas9-mediated endogenous gene tagging in <i>Fusarium oxysporum</i> . <i>Fungal Genetics and Biology</i> , 2019, 126, 17-24.	2.1	28
26	The Role of <i>Candida albicans</i> SPT20 in Filamentation, Biofilm Formation and Pathogenesis. <i>PLoS ONE</i> , 2014, 9, e94468.	2.5	27
27	<i>Caenorhabditis elegans</i> : A Nematode Infection Model for Pathogenic Fungi. <i>Methods in Molecular Biology</i> , 2012, 845, 447-454.	0.9	26
28	A novel mutation A212T in chloroplast Protoporphyrinogen oxidase (PPO1) confers resistance to PPO inhibitor Oxadiazon in <i>Eleusine indica</i> . <i>Pest Management Science</i> , 2020, 76, 1786-1794.	3.4	26
29	Characterization of a <i>Francisella tularensis</i> - <i>Caenorhabditis elegans</i> Pathosystem for the Evaluation of Therapeutic Compounds. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	21
30	The role of mycelium production and a MAPK-mediated immune response in the <i>C. elegans</i> - <i>Fusarium</i> model system. <i>Medical Mycology</i> , 2012, 50, 488-496.	0.7	20
31	Soil Type Affects Organic Acid Production and Phosphorus Solubilization Efficiency Mediated by Several Native Fungal Strains from Mexico. <i>Microorganisms</i> , 2020, 8, 1337.	3.6	20
32	The Effect of Cumulative Length of Hospital Stay on the Antifungal Resistance of <i>Candida</i> Strains Isolated from Critically Ill Surgical Patients. <i>Mycopathologia</i> , 2011, 171, 85-91.	3.1	19
33	Involvement of the Eukaryote-Like Kinase-Phosphatase System and a Protein That Interacts with Penicillin-Binding Protein 5 in Emergence of Cephalosporin Resistance in Cephalosporin-Sensitive Class A Penicillin-Binding Protein Mutants in <i>Enterococcus faecium</i> . <i>MBio</i> , 2016, 7, e02188-15.	4.1	17
34	Activity of caffeic acid phenethyl ester in <i>Caenorhabditis elegans</i> . <i>Future Medicinal Chemistry</i> , 2016, 8, 2033-2046.	2.3	14
35	The Genome Sequence of Five Genotypes of <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> : A Resource for Studies on Fusarium Wilt of Cotton. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 138-140.	2.6	14
36	The Extracellular Superoxide Dismutase Sod5 From <i>Fusarium oxysporum</i> Is Localized in Response to External Stimuli and Contributes to Fungal Pathogenicity. <i>Frontiers in Plant Science</i> , 2021, 12, 608861.	3.6	10

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37	Pathogen Adaptation to the Xylem Environment. Annual Review of Phytopathology, 2022, 60, .	7.8	7
38	An InÂVitro Co-Culture System for Rapid Differential Response to <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> Race 4 in Three Cotton Cultivars. Plant Disease, 2022, 106, 990-995.	1.4	5
39	The Tangled Web of Signaling in Innate Immunity. Cell Host and Microbe, 2009, 5, 313-315.	11.0	4
40	Genome Resource: Draft Genome of <i>Fusarium avenaceum</i> , Strain F156N33, Isolated from the Atmosphere Above Virginia and Annotated Based on RNA Sequencing Data. Plant Disease, 2022, 106, 720-722.	1.4	4
41	High-Quality Draft Nuclear and Mitochondrial Genome Sequence of <i>Fusarium oxysporum</i> f. sp. <i>albedinis</i> strain 9, the Causal Agent of Bayoud Disease on Date Palm. Plant Disease, 2022, 106, 1974-1976.	1.4	3
42	Screening and Assessment of Pisatin Demethylase Activity (PDA). Methods in Molecular Biology, 2022, 2391, 185-190.	0.9	1
43	Cryptococcus neoformans: Nonvertebrate Hosts and the Emergence of Virulence. , 0, , 261-267.		0
44	Targeted Gene Disruption Via CRISPR/Cas9 Ribonucleoprotein Complexes in <i>Fusarium oxysporum</i> . Methods in Molecular Biology, 2022, 2391, 75-87.	0.9	0
45	CRISPR/Cas9 RNP-Mediated Gene Fusion to Assess Protein Quantification and Subcellular Localization in <i>Fusarium oxysporum</i> . Methods in Molecular Biology, 2022, 2391, 89-98.	0.9	0