Daniel J Ebbole

List of Publications by Year
in descending order

87 papers	6,566 citations	201674 27 h-index	289244 40 g-index
90 all docs	90 docs citations	90 times ranked	5499 citing authors

#	Article	IF	Citations
1	The genome sequence of the filamentous fungus Neurospora crassa. Nature, 2003, 422, 859-868.	27.8	1,528
2	The genome sequence of the rice blast fungus Magnaporthe grisea. Nature, 2005, 434, 980-986.	27.8	1,447
3	Lessons from the Genome Sequence of<i>Neurospora crassa</i>: Tracing the Path from Genomic Blueprint to Multicellular Organism. Microbiology and Molecular Biology Reviews, 2004, 68, 1-108.	6.6	572
4	Magnaporthe as a Model for Understanding Host-Pathogen Interactions. Annual Review of Phytopathology, 2007, 45, 437-456.	7.8	339
5	Identification of Peptaibols from Trichoderma virens and Cloning of a Peptaibol Synthetase. Journal of Biological Chemistry, 2002, 277, 20862-20868.	3.4	202
6	Identification and Characterization of MPG1, a Gene Involved in Pathogenicity from the Rice Blast Fungus Magnaporthe grisea. Plant Cell, 1993, 5, 1575.	6.6	183
7	A Mitogen-Activated Protein Kinase Pathway Essential for Mating and Contributing to Vegetative Growth in Neurospora crassa. Genetics, 2005, 170, 1091-1104.	2.9	158
8	Identification and Characterization of In plantaâ€“Expressed Secreted Effector Proteins from <i>Magnaporthe oryzae</i> That Induce Cell Death in Rice. Molecular Plant-Microbe Interactions, 2013, 26, 191-202.	2.6	141
9	vvd Is Required for Light Adaptation of Conidiation-Specific Genes of Neurospora crassa, but Not Circadian Conidiation. Fungal Genetics and Biology, 2001, 32, 169-181.	2.1	134
10	The Neurospora crassa pheromone precursor genes are regulated by the mating type locus and the circadian clock. Molecular Microbiology, 2002, 45, 795-804.	2.5	133
11	<i>rco-3</i>, a Gene Involved in Glucose Transport and Conidiation in <i>Neurospora crassa</i>. Genetics, 1997, 146, 499-508.	2.9	127
12	The arms race between Magnaporthe oryzae and rice: Diversity and interaction of Avr and R genes. Journal of Integrative Agriculture, 2017, 16, 2746-2760.	3.5	119
13	Mating Systems and Sexual Morphogenesis in Ascomycetes. , 0, , 499-535.		99
14	Rab <scp>GTP</scp>ases are essential for membrane traffickingâ€dependent growth and pathogenicity in <scp><i>F</i></scp><i>usarium graminearum</i>. Environmental Microbiology, 2015, 17, 4580-4599.	3.8	86
15	Gene Discovery and Gene Expression in the Rice Blast Fungus, Magnaporthe grisea: Analysis of Expressed Sequence Tags. Molecular Plant-Microbe Interactions, 2004, 17, 1337-1347.	2.6	83
16	Isolation of Pheromone Precursor Genes of Magnaporthe grisea. Fungal Genetics and Biology, 1999, 27, 253-263.	2.1	70
17	The fluffy Gene of Neurospora crassa Encodes a Gal4p-Type C6 Zinc Cluster Protein Required for Conidial Development. Genetics, 1998, 148, 1813-1820.	2.9	70
18	Transcriptional response to glucose starvation and functional analysis of a glucose transporter of Neurospora crassa. Fungal Genetics and Biology, 2004, 41, 1104-1119.	2.1	66

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19	Light and Developmental Regulation of the Gene con-10 of Neurospora crassa. Developmental Biology, 1995, 167, 190-200.	2.0	63
20	Population genomic analysis of the rice blast fungus reveals specific events associated with expansion of three main clades. ISME Journal, 2018, 12, 1867-1878.	9.8	63
21	Directional Selection from Host Plants Is a Major Force Driving Host Specificity in Magnaporthe Species. Scientific Reports, 2016, 6, 25591.	3.3	62
22	Carbon Catabolite Repression of Gene Expression and Conidiation inNeurospora crassa. Fungal Genetics and Biology, 1998, 25, 15-21.	2.1	61
23	Retromer Is Essential for Autophagy-Dependent Plant Infection by the Rice Blast Fungus. PLoS Genetics, 2015, 11, e1005704.	3.5	61
24	Temporal and Spatial Regulation of Gene Expression During Asexual Development of <i>Neurospora crassa</i>. Genetics, 2010, 186, 1217-1230.	2.9	47
25	A <i>Magnaporthe</i> Chitinase Interacts with a Rice Jacalin-Related Lectin to Promote Host Colonization. Plant Physiology, 2019, 179, 1416-1430.	4.8	47
26	Hyphal Fusion. , 0, , 260-273.		42
27	Mycoparasitism. , 0, , 676-693.		38
28	Tissue-Specific Repression of Starvation and Stress Responses of theNeurospora crassa con-10Gene Is Mediated by RCO1. Fungal Genetics and Biology, 1998, 23, 269-278.	2.1	37
29	The Neurospora rca-1 Gene Complements an Aspergillus flbD Sporulation Mutant but Has No Identifiable Role in Neurospora Sporulation. Genetics, 1998, 148, 1031-1041.	2.9	37
30	Fluffy, the major regulator of conidiation in Neurospora crassa, directly activates a developmentally regulated hydrophobin gene. Molecular Microbiology, 2005, 56, 282-297.	2.5	31
31	Analysis of Two Transcription Activation Elements in the Promoter of the Developmentally Regulatedcon-10Gene ofNeurospora crassa. Fungal Genetics and Biology, 1998, 23, 259-268.	2.1	24
32	MGOS: A Resource for Studying Magnaporthe grisea and Oryza sativa Interactions. Molecular Plant-Microbe Interactions, 2006, 19, 1055-1061.	2.6	24
33	Biology and Genetics of Vegetative Incompatibility in Fungi. , 2014, , 274-288.		24
34	Functional analysis of pathogenicity genes in a genomics world. Current Opinion in Microbiology, 2001, 4, 387-392.	5.1	23
35	Regulation of<i>Aspergillus</i>Conidiation. , 0, , 557-576.		23
36	WD40-repeat protein MoCreC is essential for carbon repression and is involved in conidiation, growth and pathogenicity of Magnaporthe oryzae. Current Genetics, 2017, 63, 685-696.	1.7	22

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37	Magnaporthe oryzae CK2 Accumulates in Nuclei, Nucleoli, at Septal Pores and Forms a Large Ring Structure in Appressoria, and Is Involved in Rice Blast Pathogenesis. Frontiers in Cellular and Infection Microbiology, 2019, 9, 113.	3.9	22
38	The Conidium. , 2014, , 577-590.		19
39	Morphogenesis and vegetative differentiation in filamentous fungi. Journal of Genetics, 1996, 75, 361-374.	0.7	18
40	The Cell Wall of Filamentous Fungi. , 0, , 224-237.		16
41	The <i>fluffy</i> Gene of <i>Neurospora crassa</i> Is Necessary and Sufficient to Induce Conidiophore Development. Genetics, 2004, 166, 1741-1749.	2.9	16
42	Mycoviruses. , 0, , 145-152.		14
43	Magnaporthe oryzae and Rice Blast Disease. , 2014, , 591-606.		14
44	The exocyst complex: delivery hub for morphogenesis and pathogenesis in filamentous fungi. Current Opinion in Plant Biology, 2015, 28, 48-54.	7.1	14
45	Hyphal Structure. , 0, , 8-24.		12
46	Signal Transduction Pathways. , 2014, , 50-59.		11
47	Mating and Sexual Morphogenesis in Basidiomycete Fungi. , 2014, , 536-555.		10
48	Light Sensing. , 0, , 415-441.		9
49	Functional analysis of an Î±-1,2-mannosidase from Magnaporthe oryzae. Current Genetics, 2009, 55, 485-496.	1.7	8
50	Secondary Metabolism. , 0, , 376-395.		7
51	Nitrogen Metabolism in Filamentous Fungi. , 2014, , 325-338.		7
52	Biochemical and molecular characterization of a putative endoglucanase in Magnaporthe grisea. Current Genetics, 2008, 53, 217-224.	1.7	6
53	Hyphal Growth and Polarity. , 0, , 238-259.		6
54	Plant Cell Wall and Chitin Degradation. , 0, , 396-413.		6

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55	<i>Neurospora crassa</i>ASM-1 complements the conidiation defect in a<i>stuA</i>mutant of<i>Aspergillus nidulans</i>. Mycologia, 2015, 107, 298-306.	1.9	6
56	Emergence of a hybrid PKSâ€NRPS secondary metabolite cluster in a clonal population of the rice blast fungus Magnaporthe oryzae. Environmental Microbiology, 2020, 22, 2709-2723.	3.8	6
57	Vacuoles in Filamentous Fungi. , 2014, , 179-190.		5
58	Peroxisomes in Filamentous Fungi. , 2014, , 191-206.		5
59	Meiotic trans-Sensing and Silencing in Neurospora. , 2014, , 132-144.		4
60	Aspergillus fumigatus. , 2014, , 695-716.		4
61	Mitochondria and Respiration. , 2014, , 153-178.		4
62	Sulfur, Phosphorus, and Iron Metabolism. , 0, , 359-375.		4
63	Phylogenetics and Phylogenomics of the Fungal Tree of Life. , 0, , 36-49.		3
64	Evolution and Regulation of a Large Effector Family of <i>Pyricularia oryzae</i>. Molecular Plant-Microbe Interactions, 2021, 34, 255-269.	2.6	3
65	Mitotic Cell Cycle Control. , 0, , 61-80.		2
66	Regulation of Gene Expression by Ambient pH. , 2014, , 480-487.		2
67	The Cytoskeleton in Filamentous Fungi. , 0, , 207-223.		2
68	Gluconeogenesis. , 0, , 312-324.		2
69	Amino Acids and Polyamines: Polyfunctional Proteins, Metabolic Cycles, and Compartmentation. , 2014, , 339-358.		2
70	Ustilago maydis and Maize: a Delightful Interaction. , 2014, , 622-644.		2
71	A Top-Down Systems Biology Approach for the Identification of Targets for Fungal Strain and Process Development. , 2014, , 25-35.		1
72	Meiosis. , 0, , 81-95.		1

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73	<i>Fusarium</i>Genetics and Pathogenicity. , 0, , 607-621.		1
74	Heat Shock Response. , 2014, , 488-497.		1
75	Circadian Rhythms. , 2014, , 442-466.		1
76	EpichloÃ« Endophytes: Models of an Ecological Strategy. , 2014, , 660-675.		1
77	Title is missing!. Mycopathologia, 2003, 156, 245-246.	3.1	0
78	History and Importance to Human Affairs. , 0, , 1-7.		0
79	DNA Repair and Recombination. , 2014, , 96-112.		0
80	Chromatin Structure and Modification. , 2014, , 113-123.		0
81	How Fungi Sense Sugars, Alcohols, and Amino Acids. , 2014, , 467-479.		0
82	Transposable Elements and Repeat-Induced Point Mutation. , 0, , 124-131.		0
83	Necrotrophic Fungi: Live and Let Die. , 0, , 645-659.		0
84	Cryptococcus neoformans: Budding Yeast and Dimorphic Filamentous Fungus. , 2014, , 717-735.		0
85	Histoplasma capsulatum. , 2014, , 736-750.		0
86	The Fungal Pathogen Candida albicans. , 2014, , 751-768.		0
87	<i>HAG</i> effector evolution in <i>Pyricularia</i> species and plant cell death suppression by <i>HAG4</i>. Molecular Plant-Microbe Interactions, 2022, , .	2.6	0