

Oded Yarden

List of Publications by Year in descending order

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134
papers

9,135
citations

53794

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138
all docs

138
docs citations

138
times ranked

8848
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome sequence of the filamentous fungus <i>Neurospora crassa</i> . <i>Nature</i> , 2003, 422, 859-868.	27.8	1,528
2	Genomic Analysis of the Necrotrophic Fungal Pathogens <i>Sclerotinia sclerotiorum</i> and <i>Botrytis cinerea</i> . <i>PLoS Genetics</i> , 2011, 7, e1002230.	3.5	902
3	Lessons from the Genome Sequence of <i>Neurospora crassa</i> : Tracing the Path from Genomic Blueprint to Multicellular Organism. <i>Microbiology and Molecular Biology Reviews</i> , 2004, 68, 1-108.	6.6	572
4	Comparative genomics of <i>Ceriporiopsis subvermispora</i> and <i>Phanerochaete chrysosporium</i> provide insight into selective ligninolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5458-5463.	7.1	259
5	Pathogenic attributes of <i>Sclerotinia sclerotiorum</i> : Switching from a biotrophic to necrotrophic lifestyle. <i>Plant Science</i> , 2015, 233, 53-60.	3.6	250
6	Growing a circular economy with fungal biotechnology: a white paper. <i>Fungal Biology and Biotechnology</i> , 2020, 7, 5.	5.1	228
7	Fungi in the Marine Environment: Open Questions and Unsolved Problems. <i>MBio</i> , 2019, 10, .	4.1	200
8	The involvement of polyphenols and peroxidase activities in heavy-metal accumulation by epidermal glands of the waterlily (<i>Nymphaeaceae</i>). <i>Planta</i> , 2001, 212, 323-331.	3.2	197
9	Mutations Leading to Substitutions at Amino Acids 198 and 200 of Beta-Tubulin that Correlate with Benomyl-Resistance Phenotypes of Field Strains of <i>Botrytis cinerea</i> . <i>Phytopathology</i> , 1993, 83, 1478.	2.2	172
10	Serine/Threonine Protein Kinases and Phosphatases in Filamentous Fungi. <i>Fungal Genetics and Biology</i> , 1999, 26, 99-117.	2.1	144
11	A comparative genomic analysis of the calcium signaling machinery in <i>Neurospora crassa</i> , <i>Magnaporthe grisea</i> , and <i>Saccharomyces cerevisiae</i> . <i>Fungal Genetics and Biology</i> , 2004, 41, 827-841.	2.1	128
12	Architecture and development of the <i>Neurospora crassa</i> hypha – a model cell for polarized growth. <i>Fungal Biology</i> , 2011, 115, 446-474.	2.5	124
13	Impairment of calcineurin function in <i>Neurospora crassa</i> reveals its essential role in hyphal growth, morphology and maintenance of the apical Ca ²⁺ gradient. <i>Molecular Genetics and Genomics</i> , 1997, 256, 104-114.	2.4	115
14	Microwave-assisted extraction of bioactive saponins from chickpea (<i>Cicer arietinum</i> L). <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 406-412.	3.5	114
15	Analysis of Quantitative Interactions between Two Species of Arbuscular Mycorrhizal Fungi, <i>Glomus mosseae</i> and <i>G. intraradices</i> , by Real-Time PCR. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4192-4199.	3.1	114
16	Diversity and potential antifungal properties of fungi associated with a Mediterranean sponge. <i>Fungal Diversity</i> , 2010, 42, 17-26.	12.3	112
17	Distinct roles for PP1 and PP2A in the <i>Neurospora</i> circadian clock. <i>Genes and Development</i> , 2004, 18, 255-260.	5.9	111
18	Marine Isolates of <i>Trichoderma</i> spp. as Potential Halotolerant Agents of Biological Control for Arid-Zone Agriculture. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5100-5109.	3.1	109

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19	Calcineurin Is Required for Sclerotial Development and Pathogenicity of <i>Sclerotinia sclerotiorum</i> in an Oxalic Acid-Independent Manner. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 682-693.	2.6	104
20	Gene silencing of mannose 6-phosphate reductase in the parasitic weed <i>Orobanche aegyptiaca</i> through the production of homologous dsRNA sequences in the host plant. <i>Plant Biotechnology Journal</i> , 2009, 7, 487-498.	8.3	104
21	MAPK Regulation of Sclerotial Development in <i>Sclerotinia sclerotiorum</i> Is Linked with pH and cAMP Sensing. <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 404-413.	2.6	100
22	The Nuclear Dbf2-Related Kinase COT1 and the Mitogen-Activated Protein Kinases MAK1 and MAK2 Genetically Interact to Regulate Filamentous Growth, Hyphal Fusion and Sexual Development in <i>Neurospora crassa</i> . <i>Genetics</i> , 2008, 179, 1313-1325.	2.9	91
23	Type 2A Phosphoprotein Phosphatase Is Required for Asexual Development and Pathogenesis of <i>Sclerotinia sclerotiorum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 944-954.	2.6	90
24	Predominance of a Versatile-Peroxidase-Encoding Gene, <i>mnp4</i> , as Demonstrated by Gene Replacement via a Gene Targeting System for <i>Pleurotus ostreatus</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 5341-5352.	3.1	87
25	The phoma-like dilemma. <i>Studies in Mycology</i> , 2020, 96, 309-396.	7.2	87
26	The ligninolytic peroxidases in the genus <i>Pleurotus</i> : divergence in activities, expression, and potential applications. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1025-1038.	3.6	86
27	Fungal association with sessile marine invertebrates. <i>Frontiers in Microbiology</i> , 2014, 5, 228.	3.5	83
28	Quantification of the arbuscular mycorrhizal fungus <i>Glomus intraradices</i> in host tissue using real-time polymerase chain reaction. <i>New Phytologist</i> , 2004, 161, 877-885.	7.3	74
29	Abnormal Ergosterol Biosynthesis Activates Transcriptional Responses to Antifungal Azoles. <i>Frontiers in Microbiology</i> , 2018, 9, 9.	3.5	72
30	The global nitrogen regulator, FNR1, regulates fungal nutrition-genes and fitness during <i>Fusarium oxysporum</i> pathogenesis. <i>Molecular Plant Pathology</i> , 2006, 7, 485-497.	4.2	71
31	Detoxification of 5-hydroxymethylfurfural by the <i>Pleurotus ostreatus</i> lignolytic enzymes aryl alcohol oxidase and dehydrogenase. <i>Biotechnology for Biofuels</i> , 2015, 8, 63.	6.2	70
32	The STE20/Germinal Center Kinase POD6 Interacts with the NDR Kinase COT1 and Is Involved in Polar Tip Extension in <i>Neurospora crassa</i> . <i>Molecular Biology of the Cell</i> , 2006, 17, 4080-4092.	2.1	65
33	Presence of <i>Aspergillus sydowii</i> , a pathogen of gorgonian sea fans in the marine sponge <i>Spongia obscura</i> . <i>ISME Journal</i> , 2009, 3, 752-755.	9.8	63
34	Novel terpenoids of the fungus <i>Aspergillus insuetus</i> isolated from the Mediterranean sponge <i>Psammocinia</i> sp. collected along the coast of Israel. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6587-6593.	3.0	63
35	RNAi as a potential tool for biotechnological applications in fungi. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 501-512.	3.6	61
36	Transcript and activity levels of different <i>Pleurotus ostreatus</i> peroxidases are differentially affected by Mn ²⁺ . <i>Environmental Microbiology</i> , 2001, 3, 312-322.	3.8	57

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37	Pandangolide 1a, a Metabolite of the Sponge-Associated Fungus <i>Cladosporium</i> sp., and the Absolute Stereochemistry of Pandangolide 1 and iso-Cladospolide B. <i>Journal of Natural Products</i> , 2005, 68, 1350-1353.	3.0	57
38	Two NDR kinase-MOB complexes function as distinct modules during septum formation and tip extension in <i>Neurospora crassa</i> . <i>Molecular Microbiology</i> , 2009, 74, 707-723.	2.5	56
39	Carbon source affects PKA-dependent polarity of <i>Neurospora crassa</i> in a CRE-1-dependent and independent manner. <i>Fungal Genetics and Biology</i> , 2008, 45, 103-116.	2.1	54
40	chs-4, a class IV chitin synthase gene from <i>Neurospora crassa</i> . <i>Molecular Genetics and Genomics</i> , 1996, 250, 214-222.	2.4	53
41	Annual distribution of allergenic fungal spores in atmospheric particulate matter in the Eastern Mediterranean; a comparative study between ergosterol and quantitative PCR analysis. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2681-2690.	4.9	52
42	Impact of urban air pollution on the allergenicity of <i>Aspergillus fumigatus</i> conidia: Outdoor exposure study supported by laboratory experiments. <i>Science of the Total Environment</i> , 2016, 541, 365-371.	8.0	50
43	Effects of cre1 modification in the white-rot fungus <i>Pleurotus ostreatus</i> PC9: altering substrate preference during biological pretreatment. <i>Biotechnology for Biofuels</i> , 2018, 11, 212.	6.2	50
44	Increased Prevalence of Ubiquitous Ascomycetes in an Acropoid Coral (<i>Acropora formosa</i>) Exhibiting Symptoms of Brown Band Syndrome and Skeletal Eroding Band Disease. <i>Applied and Environmental Microbiology</i> , 2007, 73, 2755-2757.	3.1	49
45	Migration Cues Induce Chromatin Alterations. <i>Traffic</i> , 2007, 8, 1521-1529.	2.7	49
46	<i>Pleurotus ostreatus</i> manganese-dependent peroxidase silencing impairs decolourization of Orange II. <i>Microbial Biotechnology</i> , 2010, 3, 93-106.	4.2	48
47	Redundancy among Manganese Peroxidases in <i>Pleurotus ostreatus</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 2405-2415.	3.1	48
48	Differential protein expression in <i>Colletotrichum acutatum</i> : changes associated with reactive oxygen species and nitrogen starvation implicated in pathogenicity on strawberry. <i>Molecular Plant Pathology</i> , 2008, 9, 171-190.	4.2	46
49	The Mycoparasite <i>Ampelomyces quisqualis</i> Expresses exgA Encoding an exo- β -1,3-Glucanase in Culture and During Mycoparasitism. <i>Phytopathology</i> , 1999, 89, 631-638.	2.2	43
50	Environmental Suppression of <i>Neurospora crassa</i> cot-1 Hyperbranching: a Link between COT1 Kinase and Stress Sensing. <i>Eukaryotic Cell</i> , 2003, 2, 699-707.	3.4	42
51	Inactivation of Snt2, a BAH/PHD-containing transcription factor, impairs pathogenicity and increases autophagosome abundance in <i>Fusarium oxysporum</i> . <i>Molecular Plant Pathology</i> , 2011, 12, 449-461.	4.2	42
52	Stabilization of the β Isoform of Na,K-ATPase by Mutations in a Phospholipid Binding Pocket. <i>Journal of Biological Chemistry</i> , 2011, 286, 42888-42899.	3.4	42
53	The diversity of <i>Trichoderma</i> species from soil in South Africa, with five new additions. <i>Mycologia</i> , 2018, 110, 559-583.	1.9	42
54	Protein phosphatase 2A is involved in hyphal growth of <i>Neurospora crassa</i> . <i>Molecular Genetics and Genomics</i> , 1998, 259, 523-531.	2.4	40

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55	Sclerotinia sclerotiorum catalase SCAT1 affects oxidative stress tolerance, regulates ergosterol levels and controls pathogenic development. <i>Physiological and Molecular Plant Pathology</i> , 2014, 85, 34-41.	2.5	40
56	Clinical and Epidemiological Aspects of Infections Caused by Fusarium Species: a Collaborative Study from Israel. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3456-3461.	3.9	38
57	Seeking the Roles for Fungal Small-Secreted Proteins in Affecting Saprophytic Lifestyles. <i>Frontiers in Microbiology</i> , 2020, 11, 455.	3.5	38
58	The B regulatory subunit of protein phosphatase 2A is required for completion of macroconidiation and other developmental processes in <i>Neurospora crassa</i> . <i>Molecular Microbiology</i> , 1999, 31, 197-209.	2.5	37
59	Inactivation of a <i>leuotus ostreatus</i> versatile peroxidase-encoding gene (<i>mnp2</i>) results in reduced lignin degradation. <i>Environmental Microbiology</i> , 2014, 16, 265-277.	3.8	37
60	Photoregulation of cot-1, a Kinase-Encoding Gene Involved in Hyphal Growth in <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 1998, 23, 300-310.	2.1	36
61	Limits of Versatility of Versatile Peroxidase. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4070-4080.	3.1	35
62	A role for small secreted proteins (SSPs) in a saprophytic fungal lifestyle: Ligninolytic enzyme regulation in <i>Pleurotus ostreatus</i> . <i>Scientific Reports</i> , 2017, 7, 14553.	3.3	35
63	Release of <i>Pleurotus ostreatus</i> Versatile-Peroxidase from Mn ²⁺ Repression Enhances Anthropogenic and Natural Substrate Degradation. <i>PLoS ONE</i> , 2012, 7, e52446.	2.5	35
64	Immunological Detection of Proteins Similar to Bacterial Proteases in Higher Plant Chloroplasts. <i>FEBS Journal</i> , 1996, 236, 932-936.	0.2	34
65	Cell elongation and branching are regulated by differential phosphorylation states of the nuclear Dbf2-related kinase COT1 in <i>Neurospora crassa</i> . <i>Molecular Microbiology</i> , 2009, 74, 974-989.	2.5	33
66	Eight New Peptaibols from Sponge-Associated <i>Trichoderma atroviride</i> . <i>Marine Drugs</i> , 2013, 11, 4937-4960.	4.6	33
67	Isolation and Characterization of a Cold-Tolerant Strain of <i>Fusarium proliferatum</i> , a Biocontrol Agent of Grape Downy Mildew. <i>Phytopathology</i> , 2001, 91, 1062-1068.	2.2	32
68	Persistence of Terbutryn and Atrazine in Soil as Affected by Soil Disinfestation and Fungicides. <i>Weed Science</i> , 1985, 33, 457-461.	1.5	30
69	Involvement of fungi and bacteria in enhanced and nonenhanced biodegradation of carbendazim and other benzimidazole compounds in soil. <i>Canadian Journal of Microbiology</i> , 1990, 36, 15-23.	1.7	30
70	Diversification of diseases affecting herb crops in Israel accompanies the increase in Herb crop production. <i>Phytoparasitica</i> , 1998, 26, 53-58.	1.2	30
71	Lignocellulose Affects Mn ²⁺ Regulation of Peroxidase Transcript Levels in Solid-State Cultures of <i>Pleurotus ostreatus</i> . <i>Applied and Environmental Microbiology</i> , 2002, 68, 3156-3158.	3.1	30
72	Sensitivity of <i>Neurospora crassa</i> to a Marine-Derived <i>Aspergillus tubingensis</i> Anhydride Exhibiting Antifungal Activity That Is Mediated by the MAS1 Protein. <i>Marine Drugs</i> , 2014, 12, 4713-4731.	4.6	30

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73	The COT1 homologue CPCOT1 regulates polar growth and branching and is essential for pathogenicity in <i>Claviceps purpurea</i> . <i>Fungal Genetics and Biology</i> , 2005, 42, 107-118.	2.1	29
74	A Mutation within the Catalytic Domain of COT1 Kinase Confers Changes in the Presence of Two COT1 Isoforms and in Ser/Thr Protein Kinase and Phosphatase Activities in <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 1999, 27, 264-274.	2.1	28
75	Accelerated microbial degradation of methyl benzimidazol-2-ylcarbamate in soil and its control. <i>Soil Biology and Biochemistry</i> , 1987, 19, 735-739.	8.8	27
76	Inactivation of a single type-2A phosphoprotein phosphatase is lethal in <i>Neurospora crassa</i> . <i>Current Genetics</i> , 1995, 28, 458-466.	1.7	27
77	The <i>Neurospora crassa chs3</i> gene encodes an essential class I chitin synthase. <i>Mycologia</i> , 2000, 92, 65-73.	1.9	27
78	Changes in Protein Kinase A Activity Accompany Sclerotial Development in <i>Sclerotinia sclerotiorum</i> . <i>Phytopathology</i> , 2005, 95, 397-404.	2.2	27
79	Regulation of <i>Neurospora crassa</i> cell wall remodeling via the cot-1 pathway is mediated by gul-1. <i>Current Genetics</i> , 2017, 63, 145-159.	1.7	27
80	Polyhydroxyalkanoate analysis in <i>Azospirillum brasilense</i> . <i>Canadian Journal of Microbiology</i> , 1995, 41, 73-76.	1.7	26
81	Delayed and Enhanced Degradation of Benomyl and Carbendazim in Disinfested and Fungicide-Treated Soils. <i>Phytopathology</i> , 1985, 75, 763.	2.2	26
82	Paclobutrazol and other plant growth-retarding chemicals increase resistance of melon seedlings to fusarium wilt. <i>Plant Pathology</i> , 1987, 36, 558-564.	2.4	25
83	Cellular Distribution of COT1 Kinase in <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2000, 30, 63-70.	2.1	25
84	Mn ²⁺ Alters Peroxidase Profiles and Lignin Degradation by the White-Rot Fungus <i>Pleurotus ostreatus</i> Under Different Nutritional and Growth Conditions. <i>Applied Biochemistry and Biotechnology</i> , 2002, 102-103, 415-430.	2.9	25
85	Differences in the responses of melon accessions to fusarium root and stem rot and their colonization by <i>Fusarium oxysporum</i> f. sp. <i>radicis-cucumerinum</i> . <i>Plant Pathology</i> , 2015, 64, 655-663.	2.4	25
86	Changes in atmospheric CO ₂ influence the allergenicity of <i>Aspergillus fumigatus</i> . <i>Global Change Biology</i> , 2013, 19, 2381-2388.	9.5	24
87	Mn ²⁺ -deficiency reveals a key role for the <i>Pleurotus ostreatus</i> versatile peroxidase (VP4) in oxidation of aromatic compounds. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6795-6804.	3.6	23
88	The NDR Kinase DBF-2 Is Involved in Regulation of Mitosis, Conidial Development, and Glycogen Metabolism in <i>Neurospora crassa</i> . <i>Eukaryotic Cell</i> , 2010, 9, 502-513.	3.4	22
89	Metabolism and Development during Conidial Germination in Response to a Carbon-Nitrogen-Rich Synthetic or a Natural Source of Nutrition in <i>Neurospora crassa</i> . <i>MBio</i> , 2019, 10, .	4.1	21
90	ppt-1, a <i>Neurospora crassa</i> PPT/PP5 subfamily serine/threonine protein phosphatase. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1997, 1353, 18-22.	2.4	20

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91	The N-terminal region of the Neurospora NDR kinase COT1 regulates morphology via its interactions with MOB2A/B. <i>Molecular Microbiology</i> , 2013, 90, 383-399.	2.5	20
92	The <i>Neurospora crassa</i> chs3 Gene Encodes an Essential Class I Chitin Synthase. <i>Mycologia</i> , 2000, 92, 65.	1.9	19
93	A recombinant fungal compound induces anti-proliferative and pro-apoptotic effects on colon cancer cells. <i>Oncotarget</i> , 2017, 8, 28854-28864.	1.8	18
94	The Cell Wall of Filamentous Fungi. , 0, , 224-237.		16
95	Diversity of fungi isolated from three temperate ascidians. <i>Symbiosis</i> , 2015, 66, 99-106.	2.3	16
96	Stability of <i>Trichoderma harzianum</i> amdS transformants in soil and rhizosphere. <i>Soil Biology and Biochemistry</i> , 1991, 23, 1043-1046.	8.8	15
97	Development of a Robust Screening Method for Pathogenicity of <i>Colletotrichum</i> spp. on Strawberry Seedlings Enabling Forward Genetic Studies. <i>Plant Disease</i> , 2004, 88, 845-851.	1.4	14
98	A defect in nir1, a nirA-like transcription factor, confers morphological abnormalities and loss of pathogenicity in <i>Colletotrichum acutatum</i> . <i>Molecular Plant Pathology</i> , 2006, 7, 341-354.	4.2	14
99	Identification and manipulation of <i>Neurospora crassa</i> genes involved in sensitivity to furfural. <i>Biotechnology for Biofuels</i> , 2019, 12, 210.	6.2	14
100	Gene Silencing for Functional Analysis: Assessing RNAi as a Tool for Manipulation of Gene Expression. <i>Methods in Molecular Biology</i> , 2010, 638, 77-100.	0.9	14
101	A dominant selectable marker that is meiotically stable in <i>Neurospora crassa</i> : the amdS gene of <i>Aspergillus nidulans</i> . <i>Molecular Genetics and Genomics</i> , 1992, 236, 121-124.	2.4	13
102	Efficient gene replacement and direct hyphal transformation in <i>Sclerotinia sclerotiorum</i> . <i>Molecular Plant Pathology</i> , 2008, 9, 719-725.	4.2	13
103	Fungal Biology and Agriculture: Revisiting the Field. <i>Molecular Plant-Microbe Interactions</i> , 2003, 16, 859-866.	2.6	12
104	A rapid bioassay for the determination of carbendazim residues in soil. <i>Plant Pathology</i> , 1985, 34, 69-74.	2.4	11
105	Solarization enhances dissipation of carbendazim (MBC) in soil. <i>Soil Biology and Biochemistry</i> , 1989, 21, 857-861.	8.8	11
106	Trifluralin herbicide-induced resistance of melon to fusarium wilt involves expression of stress- and defence-related genes. <i>Molecular Plant Pathology</i> , 2007, 8, 9-22.	4.2	11
107	Transcriptional profiling and localization of GUL-1, a COT-1 pathway component, in <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2019, 126, 1-11.	2.1	11
108	pzl-1 encodes a novel protein phosphatase-Z-like Ser/Thr protein phosphatase in <i>Neurospora crassa</i> . <i>BBA - Proteins and Proteomics</i> , 1998, 1388, 260-266.	2.1	10

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109	Manipulating the Expression of Small Secreted Protein 1 (Ssp1) Alters Patterns of Development and Metabolism in the White-Rot Fungus <i>Pleurotus ostreatus</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	10
110	The <i>chsA</i> gene, encoding a class-I chitin synthase from <i>Ampelomyces quisqualis</i> . <i>Gene</i> , 1996, 168, 99-102.	2.2	9
111	Synthesis and Antifungal Activity of $\hat{1}^2$ -Trifluoroalkyl Aminovinyl Ketone Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8303-8307.	5.2	9
112	Neurosporaside, a Tetraglycosylated Sphingolipid from <i>Neurospora crassa</i> . <i>Journal of Natural Products</i> , 2011, 74, 554-558.	3.0	9
113	The <i>Neurospora crassa</i> PP2A Regulatory Subunits RGB1 and B56 Are Required for Proper Growth and Development and Interact with the NDR Kinase COT1. <i>Frontiers in Microbiology</i> , 2017, 8, 1694.	3.5	9
114	<i>Neurospora crassa</i> Protein Arginine Methyl Transferases Are Involved in Growth and Development and Interact with the NDR Kinase COT1. <i>PLoS ONE</i> , 2013, 8, e80756.	2.5	9
115	Impaired purine biosynthesis affects pathogenicity of <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> . <i>European Journal of Plant Pathology</i> , 2005, 112, 293-297.	1.7	8
116	Model fungi: Engines of scientific insight. <i>Fungal Biology Reviews</i> , 2016, 30, 33-35.	4.7	7
117	Expression of protein phosphatase 1 during the asexual development of <i>Neurospora crassa</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 134, 161-170.	1.6	6
118	Sensitive Detection and Identification of DNA and RNA Using a Patterned Capillary Tube. <i>Analytical Chemistry</i> , 2011, 83, 9418-9423.	6.5	6
119	The transcription factor SNT2 is involved in fungal respiration and reactive oxidative stress in <i>Fusarium oxysporum</i> and <i>Neurospora crassa</i> . <i>Physiological and Molecular Plant Pathology</i> , 2011, 76, 137-143.	2.5	6
120	The <i>Neurospora crassa</i> colonial temperature sensitive 2, 4 and 5 (<i>cot-2</i> , <i>cot-4</i> and <i>cot-5</i>) genes encode regulatory and structural proteins required for hyphal elongation and branching. <i>Fungal Genetics Reports</i> , 2008, 55, 32-36.	0.6	6
121	Detection of a protein phosphatase 2A holoenzyme in <i>Neurospora crassa</i> . <i>Fungal Genetics Reports</i> , 1999, 46, 31.	0.6	6
122	Reduced fluridone efficacy in soil: A possible case for reversible microbial inactivation. <i>Soil Biology and Biochemistry</i> , 1994, 26, 689-694.	8.8	4
123	Seasonal Variations in the Culturable Mycobiome of <i>Acropora loripes</i> along a Depth Gradient. <i>Microorganisms</i> , 2020, 8, 1139.	3.6	4
124	The GUL-1 Protein Binds Multiple RNAs Involved in Cell Wall Remodeling and Affects the MAK-1 Pathway in <i>Neurospora crassa</i> . <i>Frontiers in Fungal Biology</i> , 2021, 2, .	2.0	4
125	Sequencing and Analysis of the Entire Genome of the Mycoparasitic Bioeffector Fungus <i>Trichoderma asperelloides</i> Strain T 203 (Hypocreales). <i>Microbiology Resource Announcements</i> , 2022, 11, e0099521.	0.6	4
126	Irradiation by blue light in the presence of a photoacid confers changes to colony morphology of the plant pathogen <i>Colletotrichum gloeosporioides</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 1-9.	3.8	3

#	ARTICLE	IF	CITATIONS
127	Altering <i>Neurospora crassa</i> MOB2A exposes its functions in development and affects its interaction with the NDR kinase COT1. <i>Molecular Microbiology</i> , 2018, 108, 641-660.	2.5	3
128	The Culturable Mycobiome of Mesophotic <i>Agelas oroides</i> : Constituents and Changes Following Sponge Transplantation to Shallow Water. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 567.	3.5	3
129	BioCloneDB. <i>Applied Bioinformatics</i> , 2005, 4, 277-280.	1.6	2
130	Secondary Metabolism Gene Clusters Exhibit Increasingly Dynamic and Differential Expression during Asexual Growth, Conidiation, and Sexual Development in <i>Neurospora crassa</i> . <i>MSystems</i> , 2022, 7, .	3.8	2
131	Cross-suppression of accelerated degradation of carbendazim (MBC) by soil exhibiting reduced fluridone efficacy. <i>Soil Biology and Biochemistry</i> , 1989, 21, 863-864.	8.8	1
132	Changes in chitin deposition accompany runner hypha branching of <i>Gaeumannomyces graminis</i> in culture. <i>Mycological Research</i> , 1996, 100, 444-448.	2.5	1
133	Model systems for studying the biology of filamentous fungi: Rumors of their death should be postponed. <i>Phytoparasitica</i> , 2007, 35, 111-115.	1.2	1
134	Genetic and Environmental Influence on Development of the Filamentous Fungus <i>Neurospora crassa</i> . , 1999, , 67-82.		0