

Margaret E Daub

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,183
citations

236833

25
h-index

302012

39
g-index

40
all docs

40
docs citations

40
times ranked

1462
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic Characteristics and Metabolic Interactions between <i>Pseudocercospora fijiensis</i> and Banana: Progress toward Controlling Black Sigatoka. <i>Plants</i> , 2022, 11, 948.	1.6	6
2	A polyketide synthase gene cluster required for pathogenicity of <i>Pseudocercospora fijiensis</i> on banana. <i>PLoS ONE</i> , 2021, 16, e0258981.	1.1	7
3	Phytopathogenic Cercosporoid Fungi – From Taxonomy to Modern Biochemistry and Molecular Biology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8555.	1.8	10
4	Engineering <i>Cercospora</i> disease resistance via expression of <i>Cercospora nicotianae</i> cercosporin-resistance genes and silencing of cercosporin production in tobacco. <i>PLoS ONE</i> , 2020, 15, e0230362.	1.1	8
5	A polyketide synthase gene cluster associated with the sexual reproductive cycle of the banana pathogen, <i>Pseudocercospora fijiensis</i> . <i>PLoS ONE</i> , 2019, 14, e0220319.	1.1	7
6	A novel polyketide synthase gene cluster in the plant pathogenic fungus <i>Pseudocercospora fijiensis</i> . <i>PLoS ONE</i> , 2019, 14, e0212229.	1.1	10
7	Transcriptome sequencing of <i>Mycosphaerella fijiensis</i> during association with <i>Musa acuminata</i> reveals candidate pathogenicity genes. <i>BMC Genomics</i> , 2016, 17, 690.	1.2	20
8	Bioinformatics Prediction of Polyketide Synthase Gene Clusters from <i>Mycosphaerella fijiensis</i> . <i>PLoS ONE</i> , 2016, 11, e0158471.	1.1	20
9	Membrane transporters in self resistance of <i>Cercospora nicotianae</i> to the photoactivated toxin cercosporin. <i>Current Genetics</i> , 2015, 61, 601-620.	0.8	18
10	The role of <i>Cercospora zea-maydis</i> homologs of <i>Rhodobacter sphaeroides</i> 1O2-resistance genes in resistance to the photoactivated toxin cercosporin. <i>FEMS Microbiology Letters</i> , 2015, 362, 1-7.	0.7	6
11	Characterization of <i>Cercospora nicotianae</i> Hypothetical Proteins in Cercosporin Resistance. <i>PLoS ONE</i> , 2015, 10, e0140676.	1.1	8
12	Reactive Oxygen Species in Plant Pathogenesis: The Role of Perylenequinone Photosensitizers. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 970-989.	2.5	77
13	Identification and characterization of a pyridoxal reductase involved in the vitamin B6 salvage pathway in <i>Arabidopsis</i> . <i>Plant Molecular Biology</i> , 2011, 76, 157-169.	2.0	57
14	The ABC transporter ATR1 is necessary for efflux of the toxin cercosporin in the fungus <i>Cercospora nicotianae</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, 146-158.	0.9	37
15	Genetic manipulation of Vitamin B-6 biosynthesis in tobacco and fungi uncovers limitations to up-regulation of the pathway. <i>Plant Science</i> , 2007, 172, 609-620.	1.7	31
16	Mannitol metabolism in the phytopathogenic fungus <i>Alternaria alternata</i> . <i>Fungal Genetics and Biology</i> , 2007, 44, 258-268.	0.9	64
17	Identification of genes differentially expressed in the phytopathogenic fungus <i>Cercospora nicotianae</i> between cercosporin toxin-resistant and -susceptible strains. <i>FEMS Microbiology Letters</i> , 2007, 275, 326-337.	0.7	18
18	Regulation of the <i>Arabidopsis thaliana</i> vitamin B6 biosynthesis genes by abiotic stress. <i>Plant Physiology and Biochemistry</i> , 2007, 45, 152-161.	2.8	71

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19	The CTB1 Gene Encoding a Fungal Polyketide Synthase Is Required for Cercosporin Biosynthesis and Fungal Virulence of <i>Cercospora nicotianae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2005, 18, 468-476.	1.4	117
20	Photoactivated perylenequinone toxins in fungal pathogenesis of plants. <i>FEMS Microbiology Letters</i> , 2005, 252, 197-206.	0.7	129
21	Regulation of biosynthetic genes and antioxidant properties of vitamin B6 vitamers during plant defense responses. <i>Physiological and Molecular Plant Pathology</i> , 2005, 66, 244-255.	1.3	110
22	Functional complementation between the PDX1 vitamin B6 biosynthetic gene of <i>Cercospora nicotianae</i> and pdxJ of <i>Escherichia coli</i> . <i>FEBS Letters</i> , 2004, 564, 143-146.	1.3	27
23	The CRG1 gene required for resistance to the singlet oxygen-generating cercosporin toxin in <i>Cercospora nicotianae</i> encodes a putative fungal transcription factor. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 302-310.	1.0	39
24	Title is missing!. <i>Molecular Breeding</i> , 2001, 7, 131-139.	1.0	0
25	Symposium-in-Print Dihydrocercosporin Singlet Oxygen Production and Subcellular Localization: A Possible Defense Against Cercosporin Phototoxicity in <i>Cercospora</i> . <i>Photochemistry and Photobiology</i> , 2000, 71, 135.	1.3	30
26	The Photoactivated <i>Cercospora</i> Toxin Cercosporin: Contributions to Plant Disease and Fundamental Biology. <i>Annual Review of Phytopathology</i> , 2000, 38, 461-490.	3.5	306
27	Dihydrocercosporin Singlet Oxygen Production and Subcellular Localization: A Possible Defense Against Cercosporin Phototoxicity in <i>Cercospora</i> . <i>Photochemistry and Photobiology</i> , 2000, 71, 135-140.	1.3	8
28	Tomato Spotted Wilt Virus Resistance in <i>Chrysanthemum</i> Expressing the Viral Nucleocapsid Gene. <i>Plant Disease</i> , 1998, 82, 407-414.	0.7	51
29	Tospoviruses Strike the Greenhouse Industry: INSV Has Become a Major Pathogen on Flower Crops. <i>Plant Disease</i> , 1997, 81, 1220-1230.	0.7	134
30	ISOLATION OF MUTANTS OF THE FUNGUS <i>Cercospora nicotianae</i> ALTERED IN THEIR RESPONSE TO SINGLET OXYGEN-GENERATING PHOTOSENSITIZERS. <i>Photochemistry and Photobiology</i> , 1995, 61, 488-493.	1.3	36
31	Fungal Resistance to Photosensitizers That Generate Singlet Oxygen. <i>ACS Symposium Series</i> , 1995, , 201-216.	0.5	6
32	The photoactivated toxin cercosporin as a tool in fungal photobiology. <i>Physiologia Plantarum</i> , 1993, 89, 227-236.	2.6	33
33	SINGLET OXYGEN YIELDS, OPTICAL PROPERTIES, AND PHOTOTOXICITY OF REDUCED DERIVATIVES OF THE PHOTOSENSITIZER CERCOSPORIN. <i>Photochemistry and Photobiology</i> , 1992, 55, 373-379.	1.3	56
34	MULTIPLE MODES OF PHOTODYNAMIC ACTION BY CERCOSPORIN. <i>Photochemistry and Photobiology</i> , 1988, 47, 699-703.	1.3	70
35	The Fungal Photosensitizer Cercosporin and Its Role in Plant Disease. <i>ACS Symposium Series</i> , 1987, , 271-280.	0.5	27
36	Resistance of Fungi to the Photosensitizing Toxin, Cercosporin. <i>Phytopathology</i> , 1987, 77, 1515.	1.1	39

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37	Light-Induced Production of Singlet Oxygen and Superoxide by the Fungal Toxin, Cercosporin. Plant Physiology, 1983, 73, 855-857.	2.3	152
38	Changes in Tobacco Cell Membrane Composition and Structure Caused by Cercosporin. Plant Physiology, 1983, 71, 763-766.	2.3	92
39	Peroxidation of Tobacco Membrane Lipids by the Photosensitizing Toxin, Cercosporin. Plant Physiology, 1982, 69, 1361-1364.	2.3	117
40	Cercosporin, a Photosensitizing Toxin fromCercosporaspecies. Phytopathology, 1982, 72, 370.	1.1	129