Margaret E Daub

List of Publications by Year
in descending order

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	The PhotoactivatedCercosporaToxinCercosporin: Contributions to Plant Disease and Fundamental Biology. Annual Review of Phytopathology, 2000, 38, 461-490.	3.5	306
2	Light-Induced Production of Singlet Oxygen and Superoxide by the Fungal Toxin, Cercosporin. Plant Physiology, 1983, 73, 855-857.	2.3	152
3	Tospoviruses Strike the Greenhouse Industry: INSV Has Become a Major Pathogen on Flower Crops. Plant Disease, 1997, 81, 1220-1230.	0.7	134
4	Photoactivated perylenequinone toxins in fungal pathogenesis of plants. FEMS Microbiology Letters, 2005, 252, 197-206.	0.7	129
5	Cercosporin, a Photosensitizing Toxin fromCercosporaspecies. Phytopathology, 1982, 72, 370.	1.1	129
6	Peroxidation of Tobacco Membrane Lipids by the Photosensitizing Toxin, Cercosporin. Plant Physiology, 1982, 69, 1361-1364.	2.3	117
7	The CTB1 Gene Encoding a Fungal Polyketide Synthase Is Required for Cercosporin Biosynthesis and Fungal Virulence of Cercospora nicotianae. Molecular Plant-Microbe Interactions, 2005, 18, 468-476.	1.4	117
8	Regulation of biosynthetic genes and antioxidant properties of vitamin B6 vitamers during plant defense responses. Physiological and Molecular Plant Pathology, 2005, 66, 244-255.	1.3	110
9	Changes in Tobacco Cell Membrane Composition and Structure Caused by Cercosporin. Plant Physiology, 1983, 71, 763-766.	2.3	92
10	Reactive Oxygen Species in Plant Pathogenesis: The Role of Perylenequinone Photosensitizers. Antioxidants and Redox Signaling, 2013, 19, 970-989.	2.5	77
11	Regulation of the Arabidopsis thaliana vitamin B6 biosynthesis genes by abiotic stress. Plant Physiology and Biochemistry, 2007, 45, 152-161.	2.8	71
12	MULTIPLE MODES OF PHOTODYNAMIC ACTION BY CERCOSPORIN. Photochemistry and Photobiology, 1988, 47, 699-703.	1.3	70
13	Mannitol metabolism in the phytopathogenic fungus Alternaria alternata. Fungal Genetics and Biology, 2007, 44, 258-268.	0.9	64
14	Identification and characterization of a pyridoxal reductase involved in the vitamin B6 salvage pathway in Arabidopsis. Plant Molecular Biology, 2011, 76, 157-169.	2.0	57
15	SINGLET OXYGEN YIELDS, OPTICAL PROPERTIES, AND PHOTOTOXICITY OF REDUCED DERIVATIVES OF THE PHOTOSENSITIZER CERCOSPORIN. Photochemistry and Photobiology, 1992, 55, 373-379.	1.3	56
16	Tomato Spotted Wilt Virus Resistance in Chrysanthemum Expressing the Viral Nucleocapsid Gene. Plant Disease, 1998, 82, 407-414.	0.7	51
17	The CRG1 gene required for resistance to the singlet oxygen-generating cercosporin toxin in Cercospora nicotianae encodes a putative fungal transcription factor. Biochemical and Biophysical Research Communications, 2003, 302, 302-310.	1.0	39
18	Resistance of Fungi to the Photosensitizing Toxin, Cercosporin. Phytopathology, 1987, 77, 1515.	1.1	39

#	Article	IF	Citations
19	The ABC transporter ATR1 is necessary for efflux of the toxin cercosporin in the fungus Cercospora nicotianae. Fungal Genetics and Biology, 2009, 46, 146-158.	0.9	37
20	ISOLATION OF MUTANTS OF THE FUNGUS <i>Cercospora nicotianae</i> ALTERED IN THEIR RESPONSE TO SINGLETâ€OXYGENâ€GENERATING PHOTOSENSITIZERS. Photochemistry and Photobiology, 1995, 61, 488-493.	1.3	36
21	The photoactivated toxin cercosporin as a tool in fungal photobiology. Physiologia Plantarum, 1993, 89, 227-236.	2.6	33
22	Genetic manipulation of Vitamin B-6 biosynthesis in tobacco and fungi uncovers limitations to up-regulation of the pathway. Plant Science, 2007, 172, 609-620.	1.7	31
23	Symposium-in-Print Dihydrocercosporin Singlet Oxygen Production and Subcellular Localization: A Possible Defense Against Cercosporin Phototoxicity in Cercospora. Photochemistry and Photobiology, 2000, 71, 135.	1.3	30
24	The Fungal Photosensitizer Cercosporin and Its Role in Plant Disease. ACS Symposium Series, 1987, , 271-280.	0.5	27
25	Functional complementation between thePDX1vitamin B6biosynthetic gene ofCercospora nicotianaeandpdxJofEscherichia coli. FEBS Letters, 2004, 564, 143-146.	1.3	27
26	Transcriptome sequencing of Mycosphaerella fijiensis during association with Musa acuminata reveals candidate pathogenicity genes. BMC Genomics, 2016, 17, 690.	1.2	20
27	Bioinformatics Prediction of Polyketide Synthase Gene Clusters from Mycosphaerella fijiensis. PLoS ONE, 2016, 11, e0158471.	1.1	20
28	Identification of genes differentially expressed in the phytopathogenic fungus<i>Cercospora nicotianae</i>between cercosporin toxin-resistant and -susceptible strains. FEMS Microbiology Letters, 2007, 275, 326-337.	0.7	18
29	Membrane transporters in self resistance of Cercospora nicotianae to the photoactivated toxin cercosporin. Current Genetics, 2015, 61, 601-620.	0.8	18
30	A novel polyketide synthase gene cluster in the plant pathogenic fungus Pseudocercospora fijiensis. PLoS ONE, 2019, 14, e0212229.	1.1	10
31	Phytopathogenic Cercosporoid Fungiâ€"From Taxonomy to Modern Biochemistry and Molecular Biology. International Journal of Molecular Sciences, 2020, 21, 8555.	1.8	10
32	Dihydrocercosporin Singlet Oxygen Production and Subcellular Localization: A Possible Defense Against Cercosporin Phototoxicity in Cercospora. Photochemistry and Photobiology, 2000, 71, 135-140.	1.3	8
33	Engineering CercosporaÂdisease resistance via expression of Cercospora nicotianaeÂcercosporin-resistance genes and silencing of cercosporin production in tobacco. PLoS ONE, 2020, 15, e0230362.	1.1	8
34	Characterization of Cercospora nicotianae Hypothetical Proteins in Cercosporin Resistance. PLoS ONE, 2015, 10, e0140676.	1.1	8
35	A polyketide synthase gene cluster associated with the sexual reproductive cycle of the banana pathogen, Pseudocercospora fijiensis. PLoS ONE, 2019, 14, e0220319.	1.1	7
36	A polyketide synthase gene cluster required for pathogenicity of Pseudocercospora fijiensis on banana. PLoS ONE, 2021, 16, e0258981.	1.1	7

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37	Fungal Resistance to Photosensitizers That Generate Singlet Oxygen. ACS Symposium Series, 1995, , 201-216.	0.5	6
38	The role of Cercospora zeae-maydis homologs of Rhodobacter sphaeroides1O2-resistance genes in resistance to the photoactivated toxin cercosporin. FEMS Microbiology Letters, 2015, 362, 1-7.	0.7	6
39	Genetic Characteristics and Metabolic Interactions between Pseudocercospora fijiensis and Banana: Progress toward Controlling Black Sigatoka. Plants, 2022, 11, 948.	1.6	6
40	Title is missing!. Molecular Breeding, 2001, 7, 131-139.	1.0	0