Stephen M Marek

List of Publications by Year
in descending order

39 papers	668 citations	687363 13 h-index	580821 25 g-index
42 all docs	42 docs citations	42 times ranked	762 citing authors

#	Article	IF	Citations
1	A step towards validation of high-throughput sequencing for the identification of plant pathogenic oomycetes. Phytopathology, 2022, , .	2.2	8
2	The first genomic resources for Phymatotrichopsis omnivora, a soil-borne pezizomycete pathogen with a broad host range. Phytopathology, 2021, , PHYTO01210014A.	2.2	3
3	Genetic Diversity and Potential Inoculum Sources of Fusarium Species Causing Cankers in Bareroot-Propagated Almond Trees in California Nurseries. Plant Disease, 2021, , .	1.4	1
4	The effect of prescribed fire on Biscogniauxia infection and Î´13C in an upland oak-pine forest. Forest Ecology and Management, 2019, 451, 117525.	3.2	4
5	Unique gene Pmhyp controlling melanization of pycnidia in Phoma medicaginis. Fungal Genetics and Biology, 2019, 125, 53-59.	2.1	1
6	Effects of Copper, Manganese, and Glucose on the Induction of Ligninolytic Enzymes Produced by Pleurotus ostreatus during Fungal Pretreatment of Switchgrass. Transactions of the ASABE, 2019, 62, 1673-1681.	1.1	1
7	A noncanonical poly(A) RNA polymerase gene affects morphology in Phoma medicaginis. Fungal Genetics and Biology, 2018, 111, 47-59.	2.1	1
8	Development of an RNA interference (RNAi) gene knockdown protocol in the anaerobic gut fungusPecoramyces ruminantiumstrain C1A. PeerJ, 2018, 6, e4276.	2.0	17
9	Inferring the presence of aflatoxin-producing Aspergillus flavus strains using RNA sequencing and electronic probes as a transcriptomic screening tool. PLoS ONE, 2018, 13, e0198575.	2.5	13
10	Effect of Moisture Content and Inoculum Size on Cell Wall Composition and Ethanol Yield from Switchgrass after Solid-State Pleurotus ostreatus Treatment. Transactions of the ASABE, 2018, 61, 1997-2006.	1.1	12
11	Identification and characterization of simple sequence repeats (SSRs) for population studies of Puccinia novopanici. Journal of Microbiological Methods, 2017, 139, 113-122.	1.6	6
12	Molecular Identification and Multilocus Phylogeny of Ophiosphaerella Species Associated with Spring Dead Spot of Bermudagrass. Crop Science, 2017, 57, S-249.	1.8	11
13	Reactive oxygen species production in response toOphiosphaerellaspp. colonization of bermudagrass roots. Acta Horticulturae, 2016, , 41-48.	0.2	0
14	Development of simple sequence repeat (SSR) markers for discrimination among isolates of Fusarium proliferatum. Journal of Microbiological Methods, 2016, 126, 12-17.	1.6	12
15	Population Structure of Pythium irregulare, P. ultimum, and P. sylvaticum in Forest Nursery Soils of Oregon and Washington. Phytopathology, 2015, 105, 684-694.	2.2	12
16	A new approach for detecting fungal and oomycete plant pathogens in next generation sequencing metagenome data utilising electronic probes. International Journal of Data Mining and Bioinformatics, 2015, 12, 115.	0.1	26
17	Infection and Colonization of Several Bermudagrasses byOphiosphaerella korrae. Phytopathology, 2015, 105, 656-661.	2.2	4
18	Highly Sensitive End-Point PCR and SYBR Green qPCR Detection of Phymatotrichopsis omnivora, Causal Fungus of Cotton Root Rot. Plant Disease, 2014, 98, 1205-1212.	1.4	8

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19	Fusarium spp., Cylindrocarpon spp., and Environmental Stress in the Etiology of a Canker Disease of Cold-Stored Fruit and Nut Tree Seedlings in California. Plant Disease, 2013, 97, 259-270.	1.4	22
20	Development of a Rapid, Sensitive, and Field-Deployable Razor Ex BioDetection System and Quantitative PCR Assay for Detection of Phymatotrichopsis omnivora Using Multiple Gene Targets. Applied and Environmental Microbiology, 2013, 79, 2312-2320.	3.1	32
21	Infection and Colonization of Turf-Type Bermudagrass by Ophiosphaerella herpotricha Expressing Green or Red Fluorescent Proteins. Phytopathology, 2010, 100, 415-423.	2.2	15
22	Phymatotrichum (cotton) root rot caused by Phymatotrichopsis omnivora: retrospects and prospects. Molecular Plant Pathology, 2010, 11, 325-334.	4.2	30
23	Silicon supplements affect floricultural quality traits and elemental nutrient concentrations of greenhouse produced gerbera. Scientia Horticulturae, 2010, 123, 390-394.	3.6	72
24	CORRELATION BETWEEN TISSUE AND SUBSTRATE SILICON CONCENTRATION OF GREENHOUSE PRODUCED ORNAMENTAL SUNFLOWERS. Journal of Plant Nutrition, 2010, 34, 217-223.	1.9	5
25	Evaluation of silicon as a nutritional supplement for greenhouse zinnia production. Scientia Horticulturae, 2009, 119, 297-301.	3.6	44
26	Global Gene Expression Profiling During Medicago truncatulaâ€“Phymatotrichopsis omnivora Interaction Reveals a Role for Jasmonic Acid, Ethylene, and the Flavonoid Pathway in Disease Development. Molecular Plant-Microbe Interactions, 2009, 22, 7-17.	2.6	65
27	Molecular systematics of the cotton root rot pathogen, <I>Phymatotrichopsis omnivora</I>. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2009, 22, 63-74.	4.4	24
28	Species Composition and Seasonal Occurrence of <I>Phyllophaga</I> (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Entomology, 2008, 101, 1624-1632.	1.8	10
29	First Report of Dollar Spot of Buffalograss Caused by Sclerotinia homoeocarpa in Oklahoma. Plant Disease, 2008, 92, 1249-1249.	1.4	3
30	Silicon Supplements Affect Horticultural Traits of Greenhouse-produced Ornamental Sunflowers. Hortscience: A Publication of the American Society for Hortcultural Science, 2008, 43, 236-239.	1.0	64
31	Influence of Temperature and Time of Year on Colonization of Bermudagrass Roots by Ophiosphaerella herpotricha. Plant Disease, 2006, 90, 1326-1330.	1.4	15
32	First Report of Ergot of Bermudagrass Caused by Claviceps cynodontis in Oklahoma. Plant Disease, 2006, 90, 376-376.	1.4	3
33	Morphological and molecular characterisation of Puccinia lagenophorae, now present in central North America. Annals of Applied Biology, 2005, 147, 35-42.	2.5	12
34	Nuclear DNA degradation during heterokaryon incompatibility in Neurospora crassa. Fungal Genetics and Biology, 2003, 40, 126-137.	2.1	59
35	Chitinase Activity in Tall Fescue Seedlings as Affected by Cultivar, Seedling Development, and Ethephon. Crop Science, 2000, 40, 713-716.	1.8	2
36	Silver Stain Detection of Chitinolytic Enzymes after Polyacrylamide Gel Electrophoresis. Analytical Biochemistry, 1995, 230, 184-185.	2.4	8

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37	Determination of Chitinase Activity in Tall Fescue by Near Infrared Reflectance Spectroscopy. Crop Science, 1994, 34, 1070-1073.	1.8	8
38	ParasiticMeloidogyne and mutualisticAcremonium increase chitinase in tall fescue. Journal of Chemical Ecology, 1992, 18, 1107-1116.	1.8	31
39	Races, disease symptoms and genetic variability in Pyrenophora tritici-repentis isolates from Oklahoma that cause tan spot of winter wheat. Cereal Research Communications, 0, , 1.	1.6	4