Stanley Freeman

List of Publications by Year
in descending order

77 papers	4,090 citations	101543 36 h-index	118850 62 g-index
77 all docs	77 docs citations	77 times ranked	3584 citing authors

#	Article	IF	Citations
1	Deciphering the Cryptic Genome: Genome-wide Analyses of the Rice Pathogen Fusarium fujikuroi Reveal Complex Regulation of Secondary Metabolism and Novel Metabolites. PLoS Pathogens, 2013, 9, e1003475.	4.7	406
2	Characterization of Colletotrichum Species Responsible for Anthracnose Diseases of Various Fruits. Plant Disease, 1998, 82, 596-605.	1.4	342
3	One Fungus, One Name: Defining the Genus <i>Fusarium</i> in a Scientifically Robust Way That Preserves Longstanding Use. Phytopathology, 2013, 103, 400-408.	2.2	219
4	Trichoderma Biocontrol of Colletotrichum acutatum and Botrytis cinerea and Survival in Strawberry. European Journal of Plant Pathology, 2004, 110, 361-370.	1.7	149
5	An inordinate fondness for Fusarium: Phylogenetic diversity of fusaria cultivated by ambrosia beetles in the genus Euwallacea on avocado and other plant hosts. Fungal Genetics and Biology, 2013, 56, 147-157.	2.1	146
6	Biochemical Analysis of Plant Protection Afforded by a Nonpathogenic Endophytic Mutant of Colletotrichum magna1. Plant Physiology, 1999, 119, 795-804.	4.8	138
7	<i>Fusarium euwallaceae</i> sp. nov.â€"a symbiotic fungus of <i>Euwallacea</i> sp., an invasive ambrosia beetle in Israel and California. Mycologia, 2013, 105, 1595-1606.	1.9	136
8	Pathogenic and Nonpathogenic Lifestyles in Colletotrichum acutatum from Strawberry and Other Plants. Phytopathology, 2001, 91, 986-992.	2.2	135
9	Comparative â€œOmicsâ€• of the<i>Fusarium fujikuroi</i>Species Complex Highlights Differences in Genetic Potential and Metabolite Synthesis. Genome Biology and Evolution, 2016, 8, 3574-3599.	2.5	124
10	Discordant phylogenies suggest repeated host shifts in the Fusariumâ€"Euwallacea ambrosia beetle mutualism. Fungal Genetics and Biology, 2015, 82, 277-290.	2.1	121
11	Molecular Analyses of Colletotrichum Species from Almond and Other Fruits. Phytopathology, 2000, 90, 608-614.	2.2	115
12	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic<i>Fusarium</i>that Includes the<i>Fusarium solani</i>Species Complex. Phytopathology, 2021, 111, 1064-1079.	2.2	107
13	Characterization of Colletotrichum Isolates from Tamarillo, Passiflora, and Mango in Colombia and Identification of a Unique Species from the Genus. Phytopathology, 2003, 93, 579-587.	2.2	104
14	Epidemiology, pathology and identification of Colletotrichum including a novel species associated with avocado (Persea americana) anthracnose in Israel. Scientific Reports, 2017, 7, 15839.	3.3	81
15	Genetic Diversity and Pathogenic Variability Among Isolates of Colletotrichum Species from Strawberry. Phytopathology, 2003, 93, 219-228.	2.2	80
16	Use of GUS Transformants of Fusarium subglutinans for Determining Etiology of Mango Malformation Disease. Phytopathology, 1999, 89, 456-461.	2.2	69
17	Survival, Hostâ€"Pathogen Interaction, and Management of <i>Macrophomina phaseolina</i> on Strawberry in Israel. Plant Disease, 2012, 96, 265-272.	1.4	64
18	Use of Green Fluorescent Protein-Transgenic Strains to Study Pathogenic and Nonpathogenic Lifestyles in Colletotrichum acutatum. Phytopathology, 2002, 92, 743-749.	2.2	61

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19	Effect of Climatic Factors on Powdery Mildew Caused by Sphaerotheca macularis f. sp. Fragariae on Strawberry. European Journal of Plant Pathology, 2006, 114, 283-292.	1.7	61
20	Tropical race 4 of Panama disease in the Middle East. Phytoparasitica, 2015, 43, 283-293.	1.2	61
21	Survival in Soil of Colletotrichum acutatum and C. gloeosporioides Pathogenic on Strawberry. Plant Disease, 2002, 86, 965-970.	1.4	60
22	Identification and Characterization of a Novel Etiological Agent of Mango Malformation Disease in Mexico, <i>Fusarium mexicanum</i> sp. nov.. Phytopathology, 2010, 100, 1176-1184.	2.2	60
23	Genetic Diversity Within Colletotrichum acutatum sensu Simmonds. Phytopathology, 2001, 91, 586-592.	2.2	59
24	Genetic diversity, anastomosis groups and virulence of Rhizoctonia spp. from strawberry. European Journal of Plant Pathology, 2007, 117, 247-265.	1.7	57
25	Symbiotic association of three fungal species throughout the life cycle of the ambrosia beetle Euwallacea nr. fornicatus. Symbiosis, 2016, 68, 115-128.	2.3	57
26	Invasive Asian Fusarium â€“ Euwallacea ambrosia beetle mutualists pose a serious threat to forests, urban landscapes and the avocado industry. Phytoparasitica, 2016, 44, 435-442.	1.2	52
27	The origin and current situation of Fusarium oxysporum f. sp. cubense tropical race 4 in Israel and the Middle East. Scientific Reports, 2020, 10, 1590.	3.3	52
28	Identification and Characterization of Benomyl-Resistant and -Sensitive Populations of Colletotrichum gloeosporioides from Statice (Limonium spp.). Phytopathology, 2006, 96, 542-548.	2.2	49
29	Isolation of Nonpathogenic Mutants of Fusarium oxysporum f. sp. melonis for Biological Control of Fusarium Wilt in Cucurbits. Phytopathology, 2002, 92, 164-168.	2.2	48
30	Differential protein expression in <i>Colletotrichum acutatum</i>: changes associated with reactive oxygen species and nitrogen starvation implicated in pathogenicity on strawberry. Molecular Plant Pathology, 2008, 9, 171-190.	4.2	46
31	Characterization of Colletotrichum acutatum Causing Anthracnose of Anemone (Anemone coronaria) Tj ETQq1 1 0.784314 rgBT /Overl	3.1	44
32	Expression of Pectate Lyase from Colletotrichum gloeosporioides in C. magna Promotes Pathogenicity. Molecular Plant-Microbe Interactions, 2000, 13, 887-891.	2.6	44
33	Inactivation of Snt2, a BAH/PHDâ€containing transcription factor, impairs pathogenicity and increases autophagosome abundance in <i>Fusarium oxysporum</i>. Molecular Plant Pathology, 2011, 12, 449-461.	4.2	42
34	Obligate feed requirement of Fusarium sp. nov., an avocado wilting agent, by the ambrosia beetle Euwallacea aff. fornicata. Symbiosis, 2012, 58, 245-251.	2.3	42
35	Identificator: A web-based tool for visual plant disease identification, a proof of concept with a case study on strawberry. Computers and Electronics in Agriculture, 2012, 84, 144-154.	7.7	41
36	Epidemiological aspects of mango malformation disease caused by Fusarium mangiferae and source of infection in seedlings cultivated in orchards in Egypt. Plant Pathology, 2007, 56, 257-263.	2.4	38

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37	New Insights into Mango Malformation Disease Epidemiology Lead to a New Integrated Management Strategy for Subtropical Environments. Plant Disease, 2014, 98, 1456-1466.	1.4	35
38	Management, Survival Strategies, and Host Range of Colletotrichum acutatum on Strawberry. Hortscience: A Publication of the American Society for Hortcultural Science, 2008, 43, 66-68.	1.0	35
39	Morphological, Genetic, and Pathogenic Characterization of <i>Colletotrichum acutatum</i>, the Cause of Anthracnose of Almond in Australia. Phytopathology, 2009, 99, 985-995.	2.2	31
40	Assessment of Resistance Pathways Induced in <i>Arabidopsis thaliana</i> by Hypovirulent <i>Rhizoctonia</i> spp. Isolates. Phytopathology, 2011, 101, 828-838.	2.2	30
41	Three novel Ambrosia <i>Fusarium</i> Clade species producing clavate macroconidia known (<i>F.) Tj ETQq1 1 0.784314 rgBT /Overl <i>Euwallacea</i> spp. (Coleoptera: Scolytinae) on woody hosts. Mycologia, 2019, 111, 919-935.	1.9	30
42	Production and Role of Hormones During Interaction of Fusarium Species With Maize (Zea mays L.) Seedlings. Frontiers in Plant Science, 2018, 9, 1936.	3.6	30
43	Fungal Pathogens Affecting the Production and Quality of Medical Cannabis in Israel. Plants, 2020, 9, 882.	3.5	26
44	The role of Euwallacea nr. fornicatus (Coleoptera: Scolytinae) in the wilt syndrome of avocado trees in Israel. Phytoparasitica, 2017, 45, 341-359.	1.2	25
45	Use of Plasticulture for Strawberry Plant Production. International Journal of Fruit Science, 2005, 4, 21-32.	0.2	21
46	Effects of cold plasma, gamma and e-beam irradiations on reduction of fungal colony forming unit levels in medical cannabis inflorescences. Journal of Cannabis Research, 2020, 2, 12.	3.2	21
47	Reliable detection of the fungal pathogenfusarium oxysporum f.sp.albedinis, causal agent of bayoud disease of date palm, using molecular techniques. Phytoparasitica, 2000, 28, 341-348.	1.2	18
48	The occurrence and pathogenicity of Geosmithia spp. and common blue-stain fungi associated with pine bark beetles in planted forests in Israel. European Journal of Plant Pathology, 2015, 143, 627-639.	1.7	18
49	First Report of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4 Causing Fusarium Wilt of Cavendish Bananas in Israel. Plant Disease, 2018, 102, 2655.	1.4	18
50	Molecular tools for isolate and community studies of Pyrenomycete fungi. Mycologia, 2004, 96, 439-451.	1.9	17
51	Identification ofTrichoderma biocontrol isolates to clades according to ap-PCR and ITS sequence analyses. Phytoparasitica, 2004, 32, 370-375.	1.2	15
52	Bulb and Root Rot in Lily (<i><scp>L</scp>ilium longiflorum</i>) and Onion (<i><scp>A</scp>llium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	15
53	Development of a reliable screening technique for determining tolerance to Macrophomina phaseolina in strawberry. European Journal of Plant Pathology, 2020, 157, 707-718.	1.7	15
54	Development of a Robust Screening Method for Pathogenicity of Colletotrichum spp. on Strawberry Seedlings Enabling Forward Genetic Studies. Plant Disease, 2004, 88, 845-851.	1.4	14

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55	A defect in nir1, a nirA-like transcription factor, confers morphological abnormalities and loss of pathogenicity in Colletotrichum acutatum. Molecular Plant Pathology, 2006, 7, 341-354.	4.2	14
56	Aposymbiotic interactions of three ambrosia beetle fungi with avocado trees. Fungal Ecology, 2019, 39, 117-130.	1.6	14
57	Occurrence of <i>Macrophomina phaseolina</i> in Israel: Challenges for Disease Management and Crop Germplasm Enhancement. Plant Disease, 2022, 106, 15-25.	1.4	14
58	Molecular diagnosis of mango malformation disease and phylogeny of Fusarium mangiferae. Phytoparasitica, 2012, 40, 287-297.	1.2	13
59	Preinvasion Assessment of Exotic Bark Beetle-Vectored Fungi to Detect Tree-Killing Pathogens. Phytopathology, 2022, 112, 261-270.	2.2	12
60	Reevaluation of Factors Affecting Bunch Drop in Date Palm. Hortscience: A Publication of the American Society for Hortcultural Science, 2010, 45, 887-893.	1.0	12
61	Mango nurseries as sources of Fusarium mexicanum, cause of mango malformation disease in central western Mexico. Phytoparasitica, 2015, 43, 427-435.	1.2	9
62	What Determines Host Range and Reproductive Performance of an Invasive Ambrosia Beetle Euwallacea fornicatus; Lessons From Israel and California. Frontiers in Forests and Global Change, 2021, 4, .	2.3	9
63	First report of Colletotrichum aenigma and C. perseae causing anthracnose disease on Capsicum annuum in Israel. Crop Protection, 2022, 152, 105853.	2.1	9
64	Impaired purine biosynthesis affects pathogenicity of Fusarium oxysporum f. sp. melonis. European Journal of Plant Pathology, 2005, 112, 293-297.	1.7	8
65	Three novel Ambrosia <i>Fusarium</i> Clade species producing multiseptate â€œdolphin-shapedâ€• conidia, and an augmented description of <i>Fusarium kuroshium</i>. Mycologia, 2021, 113, 1-21.	1.9	8
66	Use of GUS Transformants of Trichoderma harzianum Isolate T39 (TRICHODEX) for Studying Interactions on Leaf Surfaces. Biocontrol Science and Technology, 2002, 12, 401-407.	1.3	7
67	The transcription factor SNT2 is involved in fungal respiration and reactive oxidative stress in Fusarium oxysporum and Neurospora crassa. Physiological and Molecular Plant Pathology, 2011, 76, 137-143.	2.5	6
68	<i>Fusarium mangiferae</i> localization <i>in planta</i> during initiation and development of mango malformation disease. Plant Pathology, 2017, 66, 924-933.	2.4	6
69	Characterization of a linear DNA plasmid from the filamentous fungal plant pathogen Glomerella musae [Anamorph: Colletotrichum musae (Berk. & Curt.) Arx.]. Current Genetics, 1997, 32, 152-156.	1.7	4
70	First report of <i>Golovinomyces cichoracearum sensu lato</i> on <i>Cannabis sativa</i> in Israel. New Disease Reports, 2020, 42, 11-11.	0.8	4
71	Molecular tools for isolate and community studies of Pyrenomycete fungi. Mycologia, 2004, 96, 439-51.	1.9	4
72	Characterization of Fusarium population associated with wilt of jojoba in Israel. Plant Pathology, 2021, 70, 793-803.	2.4	3

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73	Effects of steam sterilization on reduction of fungal colony forming units, cannabinoids and terpene levels in medical cannabis inflorescences. Scientific Reports, 2021, 11, 13973.	3.3	3
74	Charcoal rot (Macrophomina phaseolina) across melon diversity: evaluating the interaction between the pathogen, plant age and environmental conditions as a step towards breeding for resistance. European Journal of Plant Pathology, 2022, 163, 601-613.	1.7	3
75	Symbiosis and pathogenicity of <i>Geosmithia</i> and <i>Talaromyces</i> spp. associated with the cypress bark beetles <i>Phloeosinus</i> spp. and their parasitoids. Environmental Microbiology, 2022, 24, 3369-3389.	3.8	3
76	Members of the <i>Fusarium oxysporum</i> Complex Causing Wilt Symptoms inÂMedical Cannabis in Israel, Italy, and North America Comprise a Polyphyletic Assemblage. Plant Disease, 2022, 106, 2656-2662.	1.4	1
77	Response from Rodriguez and Freeman. Trends in Microbiology, 1993, 1, 254.	7.7	0