

Lynn Epstein

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,391
citations

304743

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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. <i>Phytopathology</i> , 2021, 111, 1064-1079.	2.2	107
2	Horizontal chromosome transfer and independent evolution drive diversification in <i>Fusarium oxysporum</i> f. sp. <i>fragariae</i> . <i>New Phytologist</i> , 2021, 230, 327-340.	7.3	26
3	The Effect of Temperature on Disease Severity and Growth of <i>Fusarium oxysporum</i> f. sp. <i>apii</i> Races 2 and 4 in Celery. <i>Phytopathology</i> , 2021, , .	2.2	6
4	Genomic differences between the new <i>Fusarium oxysporum</i> f. sp. <i>apii</i> (Foa) race 4 on celery, the less virulent Foa races 2 and 3, and the avirulent on celery f. sp. <i>coriandrii</i> . <i>BMC Genomics</i> , 2020, 21, 730.	2.8	12
5	A haplotype-phased genome of wheat stripe rust pathogen <i>Puccinia striiformis</i> f. sp. <i>tritici</i> , race PST-130 from the Western USA. <i>PLoS ONE</i> , 2020, 15, e0238611.	2.5	10
6	Title is missing!. , 2020, 15, e0238611.		0
7	Title is missing!. , 2020, 15, e0238611.		0
8	Title is missing!. , 2020, 15, e0238611.		0
9	Title is missing!. , 2020, 15, e0238611.		0
10	An ancestral NB-LRR with duplicated 3'UTRs confers stripe rust resistance in wheat and barley. <i>Nature Communications</i> , 2019, 10, 4023.	12.8	84
11	Cloning of the Cytochrome b Gene From the Tomato Powdery Mildew Fungus <i>Leveillula taurica</i> Reveals High Levels of Allelic Variation and Heteroplasmy for the G143A Mutation. <i>Frontiers in Microbiology</i> , 2019, 10, 663.	3.5	13
12	The Impact of Integrated Pest Management and Regulation on Agricultural Pesticide Use in California. <i>ACS Symposium Series</i> , 2018, , 203-224.	0.5	0
13	Wheat Ms2 encodes for an orphan protein that confers male sterility in grass species. <i>Nature Communications</i> , 2017, 8, 15121.	12.8	97
14	Races of the Celery Pathogen <i>Fusarium oxysporum</i> f. sp. <i>apii</i> Are Polyphyletic. <i>Phytopathology</i> , 2017, 107, 463-473.	2.2	44
15	Host-induced gene silencing inhibits the biotrophic pathogen causing downy mildew of lettuce. <i>Plant Biotechnology Journal</i> , 2015, 13, 875-883.	8.3	116
16	Wheat Stripe Rust Resistance Protein WKS1 Reduces the Ability of the Thylakoid-Associated Ascorbate Peroxidase to Detoxify Reactive Oxygen Species. <i>Plant Cell</i> , 2015, 27, 1755-1770.	6.6	133
17	Endogenous ergothioneine is required for wild type levels of conidiogenesis and conidial survival but does not protect against 254 nm UV-induced mutagenesis or kill. <i>Fungal Genetics and Biology</i> , 2014, 73, 120-127.	2.1	11
18	Fifty Years Since <i>Silent Spring</i> . <i>Annual Review of Phytopathology</i> , 2014, 52, 377-402.	7.8	59

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19	The Impact of Integrated Pest Management Programs on Pesticide Use in California, USA. , 2014, , 173-200.		13
20	Clades of β -glutamyltransferases (GGTs) in the ascomycota and heterologous expression of Colletotrichum graminicola CgGGT1, a member of the pezizomycotina-only GGT clade. Journal of Microbiology, 2013, 51, 88-99.	2.8	8
21	β -Glutamyltransferases (GGT) in Colletotrichum graminicola: mRNA and enzyme activity, and evidence that CgGGT1 allows glutathione utilization during nitrogen deficiency. Fungal Genetics and Biology, 2013, 51, 72-83.	2.1	2
22	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
23	Lifestyle transitions in plant pathogenic Colletotrichum fungi deciphered by genome and transcriptome analyses. Nature Genetics, 2012, 44, 1060-1065.	21.4	840
24	The Neurospora crassa mutant Nc β Egt-1 identifies an ergothioneine biosynthetic gene and demonstrates that ergothioneine enhances conidial survival and protects against peroxide toxicity during conidial germination. Fungal Genetics and Biology, 2012, 49, 160-172.	2.1	81
25	A Kinase-START Gene Confers Temperature-Dependent Resistance to Wheat Stripe Rust. Science, 2009, 323, 1357-1360.	12.6	625
26	Fusarium solanispecies complex isolates conspecific with Fusarium solanif. sp.cucurbitaerace 2 from naturally infected human and plant tissue and environmental sources are equally virulent on plants, grow at 37°C and are interfertile. Environmental Microbiology, 2007, 9, 2189-2199.	3.8	31
27	Competitive interactions between native and exotic earthworm species as influenced by habitat quality in a California grassland. Applied Soil Ecology, 2006, 32, 38-53.	4.3	58
28	California's Pesticide Use Reports and Trends in Pesticide Use. Outlooks on Pest Management, 2006, 17, 148-154.	0.2	9
29	PATTERNS OF PESTICIDE USE IN CALIFORNIA AND THE IMPLICATIONS FOR STRATEGIES FOR REDUCTION OF PESTICIDES. Annual Review of Phytopathology, 2003, 41, 351-375.	7.8	72
30	A class V chitin synthase gene, chsA is essential for conidial and hyphal wall strength in the fungus Colletotrichum graminicola (Glomerella graminicola). Fungal Genetics and Biology, 2003, 38, 272-285.	2.1	45
31	Pesticide Applications of Copper on Perennial Crops in California, 1993 to 1998. Journal of Environmental Quality, 2001, 30, 1844-1847.	2.0	58
32	Catastrophic wall rupture during conidial germination of a genetically tagged mutant of Glomerella graminicola. Mycological Research, 2001, 105, 132-137.	2.5	6
33	Almond and stone fruit growers reduce OP, increase pyrethroid use in dormant sprays. California Agriculture, 2000, 54, 14-19.	0.8	34
34	MINIREVIEW-POLYPHENOLS AND OXIDASES IN SUBSTRATUM ADHESION BY MARINE ALGAE AND MUSSELS. Journal of Phycology, 1998, 34, 1-8.	2.3	184
35	Adhesion of ungerminated Colletotrichum musae conidia. Physiological and Molecular Plant Pathology, 1991, 39, 345-352.	2.5	51
36	Adhesion of Macroconidia to the Plant Surface and Virulence of <i>Nectria haematococca</i> . Applied and Environmental Microbiology, 1990, 56, 3772-3778.	3.1	42

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37	Nuclear Division in Germinating Aeciospores and its Taxonomic Significance for the Western Gall Rust Fungus, <i>Peridermium Harknessii</i> . <i>Mycologia</i> , 1988, 80, 235-240.	1.9	21
38	Cell-substratum adhesive protein involved in surface contact responses of the bean rust fungus. <i>Physiological and Molecular Plant Pathology</i> , 1987, 30, 373-388.	2.5	76
39	An intramolecular linkage involving isodityrosine in extensin. <i>Phytochemistry</i> , 1984, 23, 1241-1246.	2.9	191
40	Amplicon sequencing of <i>Fusarium</i> translation elongation factor 1 \pm reveals that soil communities of <i>Fusarium</i> species are resilient to disturbances caused by crop and tillage practices. <i>Phytobiomes Journal</i> , 0, , .	2.7	1
41	The Emergence of <i>Fusarium oxysporum</i> f. sp. <i>apii</i> Race 4 and <i>Fusarium oxysporum</i> f. sp. <i>coriandrii</i> Highlights Major Obstacles Facing Agricultural Production in Coastal California in a Warming Climate: A Case Study. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	6