Lynn Epstein

List of Publications by Year
in descending order

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41 papers	3,391 citations	304743 22 h-index	395702 33 g-index
41 all docs	41 docs citations	41 times ranked	4420 citing authors

#	Article	IF	Citations
1	Lifestyle transitions in plant pathogenic Colletotrichum fungi deciphered by genome and transcriptome analyses. Nature Genetics, 2012, 44, 1060-1065.	21.4	840
2	A Kinase-START Gene Confers Temperature-Dependent Resistance to Wheat Stripe Rust. Science, 2009, 323, 1357-1360.	12.6	625
3	One Fungus, One Name: Defining the Genus Fusarium in a Scientifically Robust Way That Preserves Longstanding Use. Phytopathology, 2013, 103, 400-408.	2.2	219
4	An intramolecular linkage involving isodityrosine in extensin. Phytochemistry, 1984, 23, 1241-1246.	2.9	191
5	MINIREVIEW-POLYPHENOLS AND OXIDASES IN SUBSTRATUM ADHESION BY MARINE ALGAE AND MUSSELS. Journal of Phycology, 1998, 34, 1-8.	2.3	184
6	Wheat Stripe Rust Resistance Protein WKS1 Reduces the Ability of the Thylakoid-Associated Ascorbate Peroxidase to Detoxify Reactive Oxygen Species. Plant Cell, 2015, 27, 1755-1770.	6.6	133
7	Hostâ€induced gene silencing inhibits the biotrophic pathogen causing downy mildew of lettuce. Plant Biotechnology Journal, 2015, 13, 875-883.	8.3	116
8	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a MonophyleticFusariumthat Includes theFusarium solaniSpecies Complex. Phytopathology, 2021, 111, 1064-1079.	2.2	107
9	Wheat Ms2 encodes for an orphan protein that confers male sterility in grass species. Nature Communications, 2017, 8, 15121.	12.8	97
10	An ancestral NB-LRR with duplicated 3â€²UTRs confers stripe rust resistance in wheat and barley. Nature Communications, 2019, 10, 4023.	12.8	84
11	The Neurospora crassa mutant NcÎ”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
12	Cell-substratum adhesive protein involved in surface contact responses of the bean rust fungus. Physiological and Molecular Plant Pathology, 1987, 30, 373-388.	2.5	76
13	PATTERNS OFPESTICIDEUSE INCALIFORNIA ANDTHEIMPLICATIONS FORSTRATEGIES FORREDUCTION OFPESTICIDES. Annual Review of Phytopathology, 2003, 41, 351-375.	7.8	72
14	Fifty Years Since Silent Spring. Annual Review of Phytopathology, 2014, 52, 377-402.	7.8	59
15	Pesticide Applications of Copper on Perennial Crops in California, 1993 to 1998. Journal of Environmental Quality, 2001, 30, 1844-1847.	2.0	58
16	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
17	Adhesion of ungerminated Colletotrichum musae conidia. Physiological and Molecular Plant Pathology, 1991, 39, 345-352.	2.5	51
18	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

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19	Races of the Celery PathogenFusarium oxysporumf. sp.apiiAre Polyphyletic. Phytopathology, 2017, 107, 463-473.	2.2	44
20	Adhesion of Macroconidia to the Plant Surface and Virulence of Nectria haematococca. Applied and Environmental Microbiology, 1990, 56, 3772-3778.	3.1	42
21	Almond and stone fruit growers reduce OP, increase pyrethroid use in dormant sprays. California Agriculture, 2000, 54, 14-19.	0.8	34
22	Fusarium solanispecies complex isolates conspecific withFusarium solanif. sp.cucurbitaerace 2 from naturally infected human and plant tissue and environmental sources are equally virulent on plants, grow at 37Â°C and are interfertile. Environmental Microbiology, 2007, 9, 2189-2199.	3.8	31
23	Horizontal chromosome transfer and independent evolution drive diversification in Fusarium oxysporum f. sp. fragariae. New Phytologist, 2021, 230, 327-340.	7.3	26
24	Nuclear Division in Germinating Aeciospores and its Taxonomic Significance for the Western Gall Rust Fungus, Peridermium Harknessii. Mycologia, 1988, 80, 235-240.	1.9	21
25	Cloning of the Cytochrome b Gene From the Tomato Powdery Mildew Fungus Leveillula taurica Reveals High Levels of Allelic Variation and Heteroplasmy for the G143A Mutation. Frontiers in Microbiology, 2019, 10, 663.	3.5	13
26	The Impact of Integrated Pest Management Programs on Pesticide Use in California, USA. , 2014, , 173-200.		13
27	Genomic differences between the new Fusarium oxysporum f. sp. apii (Foa) race 4 on celery, the less virulent Foa races 2 and 3, and the avirulent on celery f. sp. coriandrii. BMC Genomics, 2020, 21, 730.	2.8	12
28	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. Fungal Genetics and Biology, 2014, 73, 120-127.	2.1	11
29	A haplotype-phased genome of wheat stripe rust pathogen Puccinia striiformis f. sp. tritici, race PST-130 from the Western USA. PLoS ONE, 2020, 15, e0238611.	2.5	10
30	California's Pesticide Use Reports and Trends in Pesticide Use. Outlooks on Pest Management, 2006, 17, 148-154.	0.2	9
31	Clades of Î³-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
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	The Effect of Temperature on Disease Severity and Growth of Fusarium oxysporum f. sp. apii Races 2 and 4 in Celery. Phytopathology, 2021, , .	2.2	6
34	The Emergence of Fusarium oxysporum f. sp. apii Race 4 and Fusarium oxysporum f. sp. coriandrii Highlights Major Obstacles Facing Agricultural Production in Coastal California in a Warming Climate: A Case Study. Frontiers in Plant Science, 0, 13, .	3.6	6
35	Î³-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
36	Amplicon sequencing of Fusarium translation elongation factor 1Î± reveals that soil communities of Fusarium species are resilient to disturbances caused by crop and tillage practices. Phytobiomes Journal, 0, , .	2.7	1

#	Article	IF	Citations
37	The Impact of Integrated Pest Management and Regulation on Agricultural Pesticide Use in California. ACS Symposium Series, 2018, , 203-224.	0.5	0
38	Title is missing!. , 2020, 15, e0238611.		0
39	Title is missing!. , 2020, 15, e0238611.		0
40	Title is missing!. , 2020, 15, e0238611.		0
41	Title is missing!. , 2020, 15, e0238611.		0