Ernesto Benito

List of Publications by Year
in descending order

25	2,123	471509 17	610901 24
papers	citations	h-index	g-index

25	25	25	2811
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nutritional factors modulating plant and fruit susceptibility to pathogens: BARD workshop, Haifa, Israel, February 25â€“26, 2018. Phytoparasitica, 2020, 48, 317-333.	1.2	0
2	Physiological and population genetic analysis of Botrytis field isolates from vineyards in Castilla y LeÃ³n, Spain. Plant Pathology, 2019, 68, 523-536.	2.4	14
3	Bcmimp1, a Botrytis cinerea Gene Transiently Expressed in planta, Encodes a Mitochondrial Protein. Frontiers in Microbiology, 2016, 7, 213.	3.5	3
4	Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. Current Biology, 2016, 26, 1577-1584.	3.9	175
5	Gene expression patterns and dynamics of the colonization of common bean (Phaseolus vulgaris L.) by highly virulent and weakly virulent strains of Fusarium oxysporum. Frontiers in Microbiology, 2015, 6, 234.	3.5	46
6	Enhanced resistance to Botrytis cinerea in genetically-modified Vitis vinifera L. plants over-expressing the grapevine stilbene synthase gene. Plant Cell, Tissue and Organ Culture, 2015, 120, 229-238.	2.3	17
7	Plant Defense Mechanisms Are Activated during Biotrophic and Necrotrophic Development of Colletotricum graminicola in Maize Â Â. Plant Physiology, 2012, 158, 1342-1358.	4.8	172
8	Genomic Analysis of the Necrotrophic Fungal Pathogens Sclerotinia sclerotiorum and Botrytis cinerea. PLoS Genetics, 2011, 7, e1002230.	3.5	902
9	Flux of nitric oxide between the necrotrophic pathogen Botrytis cinerea and the host plant. Molecular Plant Pathology, 2011, 12, 606-616.	4.2	50
10	Functional Analysis of the Phycomyces carRA Gene Encoding the Enzymes Phytoene Synthase and Lycopene Cyclase. PLoS ONE, 2011, 6, e23102.	2.5	20
11	The flavohemoglobin BCFHG1 is the main NO detoxification system and confers protection against nitrosative conditions but is not a virulence factor in the fungal necrotroph Botrytis cinerea. Fungal Genetics and Biology, 2010, 47, 484-496.	2.1	31
12	Proteinâ€“DNA interactions in the promoter region of the Phycomyces carB and carRA genes correlate with the kinetics of their mRNA accumulation in response to light. Fungal Genetics and Biology, 2010, 47, 773-781.	2.1	9
13	Interallelic complementation provides genetic evidence for the multimeric organization of thePhycomyces blakesleeanusphytoene dehydrogenase. FEBS Journal, 2002, 269, 902-908.	0.2	19
14	Heterologous Expression of the Phycomyces blakesleeanus Phytoene Dehydrogenase Gene (carB) in Mucor circinelloides. Current Microbiology, 1999, 39, 259-264.	2.2	18
15	Genetic Diversity of Fusarium oxysporum Strains from Common Bean Fields in Spain. Applied and Environmental Microbiology, 1999, 65, 3335-3340.	3.1	98
16	Fungal and plant gene expression during synchronized infection of tomato leaves by Botrytis cinerea. European Journal of Plant Pathology, 1998, 104, 207-220.	1.7	170
17	Double-stranded RNA and virus-like particles in the grass endophyte EpichloÃ« festucae. Mycological Research, 1998, 102, 914-918.	2.5	23
18	The phytoene dehydrogenase gene of Phycomyces : regulation of its expression by blue light and vitamin A. Molecular Genetics and Genomics, 1997, 253, 734-744.	2.4	71

#	Article	IF	Citations
19	Application of differential display RT-PCR to the analysis of gene expression in a plant-fungus interaction. Plant Molecular Biology, 1996, 32, 947-957.	3.9	65
20	Fusarium Wilt of Common Bean in the Castilla y Leon Region of Spain.. Plant Disease, 1996, 80, 600.	1.4	10
21	Isolation, characterization and transformation, by autonomous replication, ofMucor circinelloides OMPdecase-deficient mutants. Molecular Genetics and Genomics, 1995, 248, 126-135.	2.4	45
22	Cloning and sequence analysis of the Mucor circinelloides pyrG gene encoding orotidine-5â€²-monophosphate decarâ˜ylase: use of pyrG for homologous transformation. Gene, 1992, 116, 59-67.	2.2	64
23	Heterologous transformation of Mucor circinelloides with the Phycomyces blakesleeanus leu1 gene. Current Genetics, 1992, 21, 215-223.	1.7	42
24	Isolation and molecular analysis of the orotidine-5â€²-phosphate decarboxylase gene (pyrG) of Phycomyces blakesleeanus. Molecular Genetics and Genomics, 1990, 224, 269-278.	2.4	46
25	Nucleotide sequence of the Phycomyces blakesleeanus leu1 gene. Nucleic Acids Research, 1990, 18, 4612-4612.	14.5	13