

Ernesto Benito

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,123
citations

471509

17
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

2811
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Analysis of the Necrotrophic Fungal Pathogens <i>Sclerotinia sclerotiorum</i> and <i>Botrytis cinerea</i> . PLoS Genetics, 2011, 7, e1002230.	3.5	902
2	Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. Current Biology, 2016, 26, 1577-1584.	3.9	175
3	Plant Defense Mechanisms Are Activated during Biotrophic and Necrotrophic Development of <i>Colletotricum graminicola</i> in Maize. Plant Physiology, 2012, 158, 1342-1358.	4.8	172
4	Fungal and plant gene expression during synchronized infection of tomato leaves by <i>Botrytis cinerea</i> . European Journal of Plant Pathology, 1998, 104, 207-220.	1.7	170
5	Genetic Diversity of <i>Fusarium oxysporum</i> Strains from Common Bean Fields in Spain. Applied and Environmental Microbiology, 1999, 65, 3335-3340.	3.1	98
6	The phytoene dehydrogenase gene of <i>Phycomyces</i> : regulation of its expression by blue light and vitamin A. Molecular Genetics and Genomics, 1997, 253, 734-744.	2.4	71
7	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
8	Cloning and sequence analysis of the <i>Mucor circinelloides</i> pyrG gene encoding orotidine-5-phosphate decarboxylase: use of pyrG for homologous transformation. Gene, 1992, 116, 59-67.	2.2	64
9	Flux of nitric oxide between the necrotrophic pathogen <i>Botrytis cinerea</i> and the host plant. Molecular Plant Pathology, 2011, 12, 606-616.	4.2	50
10	Isolation and molecular analysis of the orotidine-5-phosphate decarboxylase gene (pyrG) of <i>Phycomyces blakesleeana</i> . Molecular Genetics and Genomics, 1990, 224, 269-278.	2.4	46
11	Gene expression patterns and dynamics of the colonization of common bean (<i>Phaseolus vulgaris</i> L.) by highly virulent and weakly virulent strains of <i>Fusarium oxysporum</i> . Frontiers in Microbiology, 2015, 6, 234.	3.5	46
12	Isolation, characterization and transformation, by autonomous replication, of <i>Mucor circinelloides</i> OMPdecase-deficient mutants. Molecular Genetics and Genomics, 1995, 248, 126-135.	2.4	45
13	Heterologous transformation of <i>Mucor circinelloides</i> with the <i>Phycomyces blakesleeana</i> leu1 gene. Current Genetics, 1992, 21, 215-223.	1.7	42
14	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 <i>Botrytis cinerea</i> . Fungal Genetics and Biology, 2010, 47, 484-496.	2.1	31
15	Double-stranded RNA and virus-like particles in the grass endophyte <i>Epichloa festucae</i> . Mycological Research, 1998, 102, 914-918.	2.5	23
16	Functional Analysis of the <i>Phycomyces</i> carRA Gene Encoding the Enzymes Phytoene Synthase and Lycopene Cyclase. PLoS ONE, 2011, 6, e23102.	2.5	20
17	Interallelic complementation provides genetic evidence for the multimeric organization of the <i>Phycomyces blakesleeana</i> phytoene dehydrogenase. FEBS Journal, 2002, 269, 902-908.	0.2	19
18	Heterologous Expression of the <i>Phycomyces blakesleeana</i> Phytoene Dehydrogenase Gene (carB) in <i>Mucor circinelloides</i> . Current Microbiology, 1999, 39, 259-264.	2.2	18

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19	Enhanced resistance to <i>Botrytis cinerea</i> in genetically-modified <i>Vitis vinifera</i> L. plants over-expressing the grapevine stilbene synthase gene. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 229-238.	2.3	17
20	Physiological and population genetic analysis of <i>Botrytis</i> field isolates from vineyards in Castilla y León, Spain. <i>Plant Pathology</i> , 2019, 68, 523-536.	2.4	14
21	Nucleotide sequence of the <i>Phycomyces blakesleeanus</i> leu1 gene. <i>Nucleic Acids Research</i> , 1990, 18, 4612-4612.	14.5	13
22	Fusarium Wilt of Common Bean in the Castilla y Leon Region of Spain.. <i>Plant Disease</i> , 1996, 80, 600.	1.4	10
23	Protein-DNA interactions in the promoter region of the <i>Phycomyces</i> carB and carRA genes correlate with the kinetics of their mRNA accumulation in response to light. <i>Fungal Genetics and Biology</i> , 2010, 47, 773-781.	2.1	9
24	Bcmimp1, a <i>Botrytis cinerea</i> Gene Transiently Expressed in planta, Encodes a Mitochondrial Protein. <i>Frontiers in Microbiology</i> , 2016, 7, 213.	3.5	3
25	Nutritional factors modulating plant and fruit susceptibility to pathogens: BARD workshop, Haifa, Israel, February 25-26, 2018. <i>Phytoparasitica</i> , 2020, 48, 317-333.	1.2	0