

Ernesto Benito

List of Publications by Year in descending order

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25
papers

2,123
citations

535685

17
h-index

685536

24
g-index

25
all docs

25
docs citations

25
times ranked

3085
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Analysis of the Necrotrophic Fungal Pathogens <i>Sclerotinia sclerotiorum</i> and <i>Botrytis cinerea</i> . <i>PLoS Genetics</i> , 2011, 7, e1002230.	1.5	902
2	Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. <i>Current Biology</i> , 2016, 26, 1577-1584.	1.8	175
3	Plant Defense Mechanisms Are Activated during Biotrophic and Necrotrophic Development of <i>Colletotricum graminicola</i> in Maize. <i>Plant Physiology</i> , 2012, 158, 1342-1358.	2.3	172
4	Fungal and plant gene expression during synchronized infection of tomato leaves by <i>Botrytis cinerea</i> . <i>European Journal of Plant Pathology</i> , 1998, 104, 207-220.	0.8	170
5	Genetic Diversity of <i>Fusarium oxysporum</i> Strains from Common Bean Fields in Spain. <i>Applied and Environmental Microbiology</i> , 1999, 65, 3335-3340.	1.4	98
6	The phytoene dehydrogenase gene of <i>Phycomyces</i> : regulation of its expression by blue light and vitamin A. <i>Molecular Genetics and Genomics</i> , 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. <i>Plant Molecular Biology</i> , 1996, 32, 947-957.	2.0	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. <i>Gene</i> , 1992, 116, 59-67.	1.0	64
9	Flux of nitric oxide between the necrotrophic pathogen <i>Botrytis cinerea</i> and the host plant. <i>Molecular Plant Pathology</i> , 2011, 12, 606-616.	2.0	50
10	Isolation and molecular analysis of the orotidine-5-phosphate decarboxylase gene (pyrG) of <i>Phycomyces blakesleeanus</i> . <i>Molecular Genetics and Genomics</i> , 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> . <i>Frontiers in Microbiology</i> , 2015, 6, 234.	1.5	46
12	Isolation, characterization and transformation, by autonomous replication, of <i>Mucor circinelloides</i> OMPdecase-deficient mutants. <i>Molecular Genetics and Genomics</i> , 1995, 248, 126-135.	2.4	45
13	Heterologous transformation of <i>Mucor circinelloides</i> with the <i>Phycomyces blakesleeanus</i> leul gene. <i>Current Genetics</i> , 1992, 21, 215-223.	0.8	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> . <i>Fungal Genetics and Biology</i> , 2010, 47, 484-496.	0.9	31
15	Double-stranded RNA and virus-like particles in the grass endophyte <i>Epichloa festucae</i> . <i>Mycological Research</i> , 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. <i>PLoS ONE</i> , 2011, 6, e23102.	1.1	20
17	Interallelic complementation provides genetic evidence for the multimeric organization of the <i>Phycomyces blakesleeanus</i> phytoene dehydrogenase. <i>FEBS Journal</i> , 2002, 269, 902-908.	0.2	19
18	Heterologous Expression of the <i>Phycomyces blakesleeanus</i> Phytoene Dehydrogenase Gene (carB) in <i>Mucor circinelloides</i> . <i>Current Microbiology</i> , 1999, 39, 259-264.	1.0	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.	1.2	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.	1.2	14
21	Nucleotide sequence of the <i>Phycomyces blakesleeanus</i> <i>leu1</i> gene. <i>Nucleic Acids Research</i> , 1990, 18, 4612-4612.	6.5	13
22	Fusarium Wilt of Common Bean in the Castilla y Leon Region of Spain.. <i>Plant Disease</i> , 1996, 80, 600.	0.7	10
23	Protein-DNA interactions in the promoter region of the <i>Phycomyces</i> <i>carB</i> and <i>carRA</i> genes correlate with the kinetics of their mRNA accumulation in response to light. <i>Fungal Genetics and Biology</i> , 2010, 47, 773-781.	0.9	9
24	<i>Bcmimp1</i> , a <i>Botrytis cinerea</i> Gene Transiently Expressed in planta, Encodes a Mitochondrial Protein. <i>Frontiers in Microbiology</i> , 2016, 7, 213.	1.5	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.	0.6	0