

BelÃ©n PatiÃ±o

List of Publications by Year in descending order

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61
papers

1,743
citations

236833

25
h-index

289141

40
g-index

61
all docs

61
docs citations

61
times ranked

1605
citing authors

#	ARTICLE	IF	CITATIONS
1	PCR detection assays for the trichothecene-producing species <i>Fusarium graminearum</i> , <i>Fusarium culmorum</i> , <i>Fusarium poae</i> , <i>Fusarium equiseti</i> and <i>Fusarium sporotrichioides</i> . <i>Systematic and Applied Microbiology</i> , 2005, 28, 562-568.	1.2	115
2	Characterization of the Antifungal Protein Secreted by the Mould <i>Aspergillus giganteus</i> . <i>Archives of Biochemistry and Biophysics</i> , 1995, 324, 273-281.	1.4	101
3	PCR Detection Assay of Fumonisin-Producing <i>Fusarium verticillioides</i> Strains. <i>Journal of Food Protection</i> , 2004, 67, 1278-1283.	0.8	94
4	PCR detection assays for the ochratoxin-producing <i>Aspergillus carbonarius</i> and <i>Aspergillus ochraceus</i> species. <i>International Journal of Food Microbiology</i> , 2005, 104, 207-214.	2.1	70
5	Wine Contamination with Ochratoxins: A Review. <i>Beverages</i> , 2018, 4, 6.	1.3	68
6	Specific detection and quantification of <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> in wheat flour by SYBR® Green quantitative PCR. <i>International Journal of Food Microbiology</i> , 2011, 145, 121-125.	2.1	65
7	Mechanisms involved in reduction of ochratoxin A produced by <i>Aspergillus westerdijkiae</i> using <i>Debaryomyces hansenii</i> CYC 1244. <i>International Journal of Food Microbiology</i> , 2011, 151, 113-118.	2.1	65
8	Discrimination of <i>Aspergillus niger</i> and other <i>Aspergillus</i> species belonging to section Nigri by PCR assays. <i>FEMS Microbiology Letters</i> , 2005, 245, 353-361.	0.7	63
9	Revision of ochratoxin a production capacity by the main species of <i>Aspergillus</i> section Circumdati. <i>Aspergillus steynii</i> revealed as the main risk of OTA contamination. <i>Food Control</i> , 2011, 22, 343-345.	2.8	63
10	Highly sensitive PCR-based detection method specific for <i>Aspergillus flavus</i> in wheat flour. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008, 25, 758-764.	1.1	61
11	Genetic Markers for the Analysis of Variability and for Production of Specific Diagnostic Sequences in Fumonisin-Producing Strains of <i>Fusarium Verticillioides</i> . <i>European Journal of Plant Pathology</i> , 2004, 110, 525-532.	0.8	55
12	Aflatoxins and ochratoxin A in stored barley grain in Spain and impact of PCR-based strategies to assess the occurrence of aflatoxigenic and ochratoxigenic <i>Aspergillus</i> spp.. <i>International Journal of Food Microbiology</i> , 2011, 149, 118-126.	2.1	55
13	Mycobiota and co-occurrence of mycotoxins in Capsicum powder. <i>International Journal of Food Microbiology</i> , 2011, 151, 270-276.	2.1	51
14	ITS-based detection and quantification of <i>Aspergillus ochraceus</i> and <i>Aspergillus westerdijkiae</i> in grapes and green coffee beans by real-time quantitative PCR. <i>International Journal of Food Microbiology</i> , 2009, 131, 162-167.	2.1	49
15	Discrimination of the main Ochratoxin A-producing species in <i>Aspergillus</i> section Circumdati by specific PCR assays. <i>International Journal of Food Microbiology</i> , 2009, 136, 83-87.	2.1	47
16	Description of an orthologous cluster of ochratoxin A biosynthetic genes in <i>Aspergillus</i> and <i>Penicillium</i> species. A comparative analysis. <i>International Journal of Food Microbiology</i> , 2018, 268, 35-43.	2.1	45
17	<i>Aspergillus steynii</i> and <i>Aspergillus westerdijkiae</i> as potential risk of OTA contamination in food products in warm climates. <i>Food Microbiology</i> , 2015, 46, 168-175.	2.1	44
18	Specific detection of <i>Aspergillus carbonarius</i> by SYBR® Green and TaqMan® quantitative PCR assays based on the multicopy ITS2 region of the rRNA gene. <i>FEMS Microbiology Letters</i> , 2009, 295, 57-66.	0.7	41

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19	A Novel Niosome-Encapsulated Essential Oil Formulation to Prevent <i>Aspergillus flavus</i> Growth and Aflatoxin Contamination of Maize Grains During Storage. <i>Toxins</i> , 2019, 11, 646.	1.5	38
20	Genetic regulation of aflatoxin, ochratoxin A, trichothecene, and fumonisin biosynthesis: A review. <i>International Microbiology</i> , 2020, 23, 89-96.	1.1	38
21	A Comprehensive Study on the Occurrence of Mycotoxins and Their Producing Fungi during the Maize Production Cycle in Spain. <i>Microorganisms</i> , 2020, 8, 141.	1.6	34
22	Significance of <i>Aspergillus niger</i> aggregate species as contaminants of food products in Spain regarding their occurrence and their ability to produce mycotoxins. <i>Food Microbiology</i> , 2019, 82, 240-248.	2.1	32
23	Fumonisin production by <i>Gibberella fujikuroi</i> strains from <i>Pinus</i> species. <i>International Journal of Food Microbiology</i> , 2003, 89, 213-221.	2.1	31
24	Contamination of barley seeds with <i>Fusarium</i> species and their toxins in Spain: an integrated approach. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 372-380.	1.1	29
25	Evaluation of growth and ochratoxin A production by <i>Aspergillus steynii</i> and <i>Aspergillus westerdijkiae</i> in green-coffee based medium under different environmental conditions. <i>Food Research International</i> , 2014, 61, 127-131.	2.9	28
26	Specific detection of <i>Aspergillus parasiticus</i> in wheat flour using a highly sensitive PCR assay. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 853-858.	1.1	26
27	Ecophysiological characterization of <i>Penicillium expansum</i> population in Lleida (Spain). <i>International Journal of Food Microbiology</i> , 2008, 122, 243-252.	2.1	23
28	Differential detection of isolated from intermediate-moisture foods by PCR-RFLP of the IGS region of rDNA. <i>FEMS Yeast Research</i> , 2005, 5, 455-461.	1.1	21
29	Characterization of <i>Fusarium verticillioides</i> strains by PCR-RFLP analysis of the intergenic spacer region of the rDNA. <i>Journal of the Science of Food and Agriculture</i> , 2006, 86, 429-435.	1.7	20
30	MYCOTOXINS Toxicology. , 2014, , 887-892.		19
31	Educating in antimicrobial resistance awareness: adaptation of the Small World Initiative program to service-learning. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	19
32	Assessment of the Effect of <i>Satureja montana</i> and <i>Origanum virens</i> Essential Oils on <i>Aspergillus flavus</i> Growth and Aflatoxin Production at Different Water Activities. <i>Toxins</i> , 2020, 12, 142.	1.5	19
33	Pectin degrading enzymes secreted by six isolates of <i>Fusarium oxysporum</i> . <i>Mycological Research</i> , 1993, 97, 461-466.	2.5	18
34	Detection of potentially mycotoxigenic <i>Aspergillus</i> species in Capsicum powder by a highly sensitive PCR-based detection method. <i>Food Control</i> , 2011, 22, 1363-1366.	2.8	15
35	Mycotoxins in Functional Beverages: A Review. <i>Beverages</i> , 2020, 6, 52.	1.3	15
36	Utility of the Polymerase Chain Reaction-Restriction Fragment Length Polymorphisms of the Intergenic Spacer Region of the rDNA for Characterizing <i>Gibberella fujikuroi</i> isolates. <i>Systematic and Applied Microbiology</i> , 2004, 27, 681-688.	1.2	14

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37	Clustered array of ochratoxin A biosynthetic genes in <i>Aspergillus steynii</i> and their expression patterns in permissive conditions. <i>International Journal of Food Microbiology</i> , 2015, 214, 102-108.	2.1	13
38	Comparative analysis of an endopolygalacturonase coding gene in isolates of seven <i>Fusarium</i> species. <i>Mycological Research</i> , 2000, 104, 1342-1347.	2.5	12
39	Characterization and in vitro expression patterns of an exopolygalacturonase encoding gene from <i>Fusarium oxysporum</i> f.sp. <i>radicis lycopersici</i> . <i>Journal of Applied Microbiology</i> , 2003, 94, 856-864.	1.4	12
40	Diversity of Mycobiota in Spanish Grape Berries and Selection of <i>Hanseniaspora uvarum</i> U1 to Prevent Mycotoxin Contamination. <i>Toxins</i> , 2021, 13, 649.	1.5	12
41	Characterization of a novel cysteine-rich antifungal protein from <i>Fusarium graminearum</i> with activity against maize fungal pathogens. <i>International Journal of Food Microbiology</i> , 2018, 283, 45-51.	2.1	11
42	Purification and characterization of an exopolygalacturonase produced by <i>Fusarium oxysporum</i> f.sp. <i>radicis lycopersici</i> . <i>FEMS Microbiology Letters</i> , 1993, 110, 191-196.	0.7	10
43	Structural variation and dynamics of the nuclear ribosomal intergenic spacer region in key members of the <i>Gibberella fujikuroi</i> species complex. <i>Genome</i> , 2013, 56, 205-213.	0.9	10
44	Species-specific optical genosensors for the detection of mycotoxigenic <i>Fusarium</i> fungi in food samples. <i>Analytica Chimica Acta</i> , 2016, 935, 231-238.	2.6	10
45	The Genomic Regions That Contain Ochratoxin A Biosynthetic Genes Widely Differ in <i>Aspergillus</i> Section <i>Circumdati</i> Species. <i>Toxins</i> , 2020, 12, 754.	1.5	10
46	Effect of preharvest anti-fungal compounds on <i>Aspergillus steynii</i> and <i>A. carbonarius</i> under fluctuating and extreme environmental conditions. <i>International Journal of Food Microbiology</i> , 2012, 159, 167-176.	2.1	9
47	Polymerase chain reaction (PCR) identification of <i>Penicillium brevicompactum</i> , a grape contaminant and mycophenolic acid producer. <i>Food Additives and Contaminants</i> , 2007, 24, 165-172.	2.0	8
48	Control of polygalacturonase synthesis in <i>Fusarium oxysporum</i> f.sp. <i>radicis lycopersici</i> . <i>Canadian Journal of Microbiology</i> , 1997, 43, 1084-1090.	0.8	7
49	Role of <i>Sesamia nonagrioides</i> and <i>Ostrinia nubilalis</i> as Vectors of <i>Fusarium</i> spp. and Contribution of Corn Borer-Resistant Bt Maize to Mycotoxin Reduction. <i>Toxins</i> , 2021, 13, 780.	1.5	7
50	Ochratoxin A production in aniseed-based media by selected fungal strains and in anise fruits (<i>Pimpinella anisum</i> L.). <i>Mycotoxin Research</i> , 2010, 26, 75-84.	1.3	6
51	Comparative analysis of polygalacturonases in isolates of seven species of <i>Fusarium</i> from <i>Pinus pinea</i> . <i>Mycological Research</i> , 2001, 105, 100-104.	2.5	4
52	Highly Sensitive PCR-Based Detection Specific to <i>Aspergillus flavus</i> . <i>Methods in Molecular Biology</i> , 2011, 739, 211-216.	0.4	4
53	Occurrence of <i>Aspergillus fumigatus</i> in a Compost Polluted with Heavy Metals. , 2002, , 487-494.		2
54	Genetic markers for the analysis of variability and for production of specific diagnostic sequences in fumonisin-producing strains of <i>Fusarium verticillioides</i> . , 2004, , 525-532.		2

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55	Targeting Conserved Genes in Fusarium Species. Methods in Molecular Biology, 2017, 1542, 141-147.	0.4	1
56	Purification and characterization of an exopolygalacturonase produced by Fusarium oxysporum f. sp. radicis lycopersici. FEMS Microbiology Letters, 1993, 110, 191-196.	0.7	1
57	Analysis of Fusarium graminearum Antifungal Protein™s and Latrodectin-II™s Effect on Growth and Toxigenesis of Aspergillus Fungi with Agrofood Impact. , 0, , .		1
58	Regulation of polygalacturonases in two isolates of Fusarium oxysporum f. sp. Radicis lycopersici (FORL). Progress in Biotechnology, 1996, , 881-891.	0.2	0
59	Heterologous expression and enzymatic characterisation of exopolygalacturonase PGX1. , 2009, , .		0
60	Biocontrol of <i>Penicillium expansum</i> with yeast. , 2010, , .		0
61	Species specific PCR detection protocol for the main mycotoxin-producing Aspergillus species in paprika. , 2010, , .		0