BelÃ©n PatiÃ±o

List of Publications by Year
in descending order

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Version: 2024-02-01

61 papers	1,743 citations	236925 25 h-index	289244 40 g-index
61 all docs	61 docs citations	61 times ranked	1605 citing authors

#	Article	IF	Citations
1	Diversity of Mycobiota in Spanish Grape Berries and Selection of Hanseniaspora uvarum U1 to Prevent Mycotoxin Contamination. Toxins, 2021, 13, 649.	3.4	12
2	Role of Sesamia nonagrioides and Ostrinia nubilalis as Vectors of Fusarium spp. and Contribution of Corn Borer-Resistant Bt Maize to Mycotoxin Reduction. Toxins, 2021, 13, 780.	3.4	7
3	Genetic regulation of aflatoxin, ochratoxin A, trichothecene, and fumonisin biosynthesis: A review. International Microbiology, 2020, 23, 89-96.	2.4	38
4	Mycotoxins in Functional Beverages: A Review. Beverages, 2020, 6, 52.	2.8	15
5	The Genomic Regions That Contain Ochratoxin A Biosynthetic Genes Widely Differ in Aspergillus Section Circumdati Species. Toxins, 2020, 12, 754.	3.4	10
6	Assessment of the Effect of Satureja montana and Origanum virens Essential Oils on Aspergillus flavus Growth and Aflatoxin Production at Different Water Activities. Toxins, 2020, 12, 142.	3.4	19
7	A Comprehensive Study on the Occurrence of Mycotoxins and Their Producing Fungi during the Maize Production Cycle in Spain. Microorganisms, 2020, 8, 141.	3.6	34
8	A Novel Niosome-Encapsulated Essential Oil Formulation to Prevent Aspergillus flavus Growth and Aflatoxin Contamination of Maize Grains During Storage. Toxins, 2019, 11, 646.	3.4	38
9	Significance of Aspergillus niger aggregate species as contaminants of food products in Spain regarding their occurrence and their ability to produce mycotoxins. Food Microbiology, 2019, 82, 240-248.	4.2	32
10	Description of an orthologous cluster of ochratoxin A biosynthetic genes in Aspergillus and Penicillium species. A comparative analysis. International Journal of Food Microbiology, 2018, 268, 35-43.	4.7	45
11	Educating in antimicrobial resistance awareness: adaptation of the Small World Initiative program to service-learning. FEMS Microbiology Letters, 2018, 365, .	1.8	19
12	Wine Contamination with Ochratoxins: A Review. Beverages, 2018, 4, 6.	2.8	68
13	Characterization of a novel cysteine-rich antifungal protein from Fusarium graminearum with activity against maize fungal pathogens. International Journal of Food Microbiology, 2018, 283, 45-51.	4.7	11
14	Targeting Conserved Genes in Fusarium Species. Methods in Molecular Biology, 2017, 1542, 141-147.	0.9	1
15	Species-specific optical genosensors for the detection of mycotoxigenic Fusarium fungi in food samples. Analytica Chimica Acta, 2016, 935, 231-238.	5.4	10
16	Clustered array of ochratoxin A biosynthetic genes in Aspergillus steynii and their expression patterns in permissive conditions. International Journal of Food Microbiology, 2015, 214, 102-108.	4.7	13
17	Aspergillus steynii and Aspergillus westerdijkiae as potential risk of OTA contamination in food products in warm climates. Food Microbiology, 2015, 46, 168-175.	4.2	44
18	MYCOTOXINS | Toxicology. , 2014, , 887-892.		19

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19	Evaluation of growth and ochratoxin A production by Aspergillus steynii and Aspergillus westerdijkiae in green-coffee based medium under different environmental conditions. Food Research International, 2014, 61, 127-131.	6.2	28
20	Structural variation and dynamics of the nuclear ribosomal intergenic spacer region in key members of the Gibberella fujikuroi species complex. Genome, 2013, 56, 205-213.	2.0	10
21	Contamination of barley seeds withFusariumspecies and their toxins in Spain: an integrated approach. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 372-380.	2.3	29
22	Effect of preharvest anti-fungal compounds on Aspergillus steynii and A. carbonarius under fluctuating and extreme environmental conditions. International Journal of Food Microbiology, 2012, 159, 167-176.	4.7	9
23	Revision of ochratoxin a production capacity by the main species of Aspergillus section Circumdati. Aspergillus steynii revealed as the main risk of OTA contamination. Food Control, 2011, 22, 343-345.	5.5	63
24	Detection of potentially mycotoxigenic Aspergillus species in Capsicum powder by a highly sensitive PCR-based detection method. Food Control, 2011, 22, 1363-1366.	5.5	15
25	Specific detection and quantification of Aspergillus flavus and Aspergillus parasiticus in wheat flour by SYBRÂ® Green quantitative PCR. International Journal of Food Microbiology, 2011, 145, 121-125.	4.7	65
26	Aflatoxins and ochratoxin A in stored barley grain in Spain and impact of PCR-based strategies to assess the occurrence of aflatoxigenic and ochratoxigenic Aspergillus spp.. International Journal of Food Microbiology, 2011, 149, 118-126.	4.7	55
27	Mechanisms involved in reduction of ochratoxin A produced by Aspergillus westerdijkiae using Debaryomyces hansenii CYC 1244. International Journal of Food Microbiology, 2011, 151, 113-118.	4.7	65
28	Mycobiota and co-occurrence of mycotoxins in Capsicum powder. International Journal of Food Microbiology, 2011, 151, 270-276.	4.7	51
29	Highly Sensitive PCR-Based Detection Specific to Aspergillus flavus. Methods in Molecular Biology, 2011, 739, 211-216.	0.9	4
30	Biocontrol of Penicillium expansum with yeast. , 2010, , .		0
31	Ochratoxin A production in aniseed-based media by selected fungal strains and in anise fruits (Pimpinella anisum L.). Mycotoxin Research, 2010, 26, 75-84.	2.3	6
32	Specific detection ofAspergillus parasiticusin wheat flour using a highly sensitive PCR assay. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 853-858.	2.3	26
33	Species specific PCR detection protocol for the main mycotoxin-producing Aspergillus species in paprika. , 2010, , .		0
34	ITS-based detection and quantification of Aspergillus ochraceus and Aspergillus westerdijkiae in grapes and green coffee beans by real-time quantitative PCR. International Journal of Food Microbiology, 2009, 131, 162-167.	4.7	49
35	Discrimination of the main Ochratoxin A-producing species in Aspergillus section Circumdati by specific PCR assays. International Journal of Food Microbiology, 2009, 136, 83-87.	4.7	47
36	Specific detection ofAspergillus carbonariusby SYBR^{Ã‚Â®}Green and TaqMan^{Ã‚Â®}quantitative PCR assays based on the multicopy ITS2 region of the rRNA gene. FEMS Microbiology Letters, 2009, 295, 57-66.	1.8	41

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37	Heterologous expression and enzymatic characterisation of exopolygalacturonase PGX1. , 2009, , .		0
38	Ecophysiological characterization of Penicillium expansum population in lleida (Spain). International Journal of Food Microbiology, 2008, 122, 243-252.	4.7	23
39	Highly sensitive PCR-based detection method specific forAspergillus flavusin wheat flour. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2008, 25, 758-764.	2.3	61
40	Polymerase chain reaction (PCR) identification ofPenicillium brevicompactum, a grape contaminant and mycophenolic acid producer. Food Additives and Contaminants, 2007, 24, 165-172.	2.0	8
41	Characterization ofFusarium verticillioides strains by PCR-RFLP analysis of the intergenic spacer region of the rDNA. Journal of the Science of Food and Agriculture, 2006, 86, 429-435.	3.5	20
42	Discrimination of Aspergillus niger and other Aspergillus species belonging to section Nigri by PCR assays. FEMS Microbiology Letters, 2005, 245, 353-361.	1.8	63
43	Differential detection of isolated from intermediate-moisture foods by PCR-RFLP of the IGS region of rDNA. FEMS Yeast Research, 2005, 5, 455-461.	2.3	21
44	PCR detection assays for the ochratoxin-producing Aspergillus carbonarius and Aspergillus ochraceus species. International Journal of Food Microbiology, 2005, 104, 207-214.	4.7	70
45	PCR detection assays for the trichothecene-producing species Fusarium graminearum, Fusarium culmorum, Fusarium poae, Fusarium equiseti and Fusarium sporotrichioides. Systematic and Applied Microbiology, 2005, 28, 562-568.	2.8	115
46	PCR Detection Assay of Fumonisin-Producing Fusarium verticillioides Strains. Journal of Food Protection, 2004, 67, 1278-1283.	1.7	94
47	Utility of the Polymerase Chain Reaction-Restriction Fragment Length Polymorphisms of the Intergenic Spacer Region of the rDNA for Characterizing Gibberella fujikuroi isolates. Systematic and Applied Microbiology, 2004, 27, 681-688.	2.8	14
48	Genetic Markers for the Analysis of Variability and for Production of Specific Diagnostic Sequences in Fumonisin-Producing Strains of Fusarium Verticillioides. European Journal of Plant Pathology, 2004, 110, 525-532.	1.7	55
49	Genetic markers for the analysis of variability and for production of specific diagnostic sequences in fumonisin-producing strains of Fusarium verticillioides. , 2004, , 525-532.		2
50	Fumonisin production by Gibberella fujikuroi strains fromPinus species. International Journal of Food Microbiology, 2003, 89, 213-221.	4.7	31
51	Characterization and in vitro expression patterns of an exopolygalacturonase encoding gene from Fusarium oxysporum f.sp. radicis lycopersici. Journal of Applied Microbiology, 2003, 94, 856-864.	3.1	12
52	Occurrence of Aspergillus fumigatus in a Compost Polluted with Heavy Metals. , 2002, , 487-494.		2
53	Comparative analysis of polygalacturonases in isolates of seven species of Fusarium from Pinus pinea. Mycological Research, 2001, 105, 100-104.	2.5	4
54	Comparative analysis of an endopolygalacturonase coding gene in isolates of seven Fusarium species. Mycological Research, 2000, 104, 1342-1347.	2.5	12

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55	Control of polygalacturonase synthesis inFusarium oxyspotumf.sp.radicis lycopersici. Canadian Journal of Microbiology, 1997, 43, 1084-1090.	1.7	7
56	Regulation of polygalacturonases in two isolates of Fusarium oxysporum f. sp. Radicis lycopersici (FORL). Progress in Biotechnology, 1996, , 881-891.	0.2	0
57	Characterization of the Antifungal Protein Secreted by the MouldAspergillus giganteus. Archives of Biochemistry and Biophysics, 1995, 324, 273-281.	3.0	101
58	Purification and characterization of an exopolygalacturonase produced byFusarium oxysporumf. sp.radicis lycopersici. FEMS Microbiology Letters, 1993, 110, 191-196.	1.8	10
59	Pectin degrading enzymes secreted by six isolates of Fusarium oxysporum. Mycological Research, 1993, 97, 461-466.	2.5	18
60	Purification and characterization of an exopolygalacturonase produced by Fusarium oxysporum f. sp. radicis lycopersici. FEMS Microbiology Letters, 1993, 110, 191-196.	1.8	1
61	Analysis of Fusarium graminearum Antifungal Proteinâ€™s and Latrodectin-Ilâ€™s Effect on Growth and Toxigenesis of Aspergillus Fungi with Agrofood Impact. , 0, , .		1