

Antonia Susca

List of Publications by Year in descending order

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67
papers

4,176
citations

136740

32
h-index

114278

63
g-index

67
all docs

67
docs citations

67
times ranked

4804
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogeny, identification and nomenclature of the genus <i>Aspergillus</i> . <i>Studies in Mycology</i> , 2014, 78, 141-173.	4.5	835
2	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus <i>Aspergillus</i> . <i>Genome Biology</i> , 2017, 18, 28.	3.8	417
3	Biodiversity of <i>Aspergillus</i> species in some important agricultural products. <i>Studies in Mycology</i> , 2007, 59, 53-66.	4.5	249
4	Ochratoxin A Production and Amplified Fragment Length Polymorphism Analysis of <i>Aspergillus carbonarius</i> , <i>Aspergillus tubingensis</i> , and <i>Aspergillus niger</i> Strains Isolated from Grapes in Italy. <i>Applied and Environmental Microbiology</i> , 2006, 72, 680-685.	1.4	169
5	A Species-Specific PCR Assay Based on the Calmodulin Partial Gene for Identification of <i>Fusarium Verticillioides</i> , <i>F. Proliferatum</i> and <i>F. Subglutinans</i> . <i>European Journal of Plant Pathology</i> , 2004, 110, 495-502.	0.8	165
6	Fungal Planet description sheets: 785-867. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2018, 41, 238-417.	1.6	163
7	Birth, death and horizontal transfer of the fumonisin biosynthetic gene cluster during the evolutionary diversification of <i>Fusarium</i> . <i>Molecular Microbiology</i> , 2013, 90, 290-306.	1.2	118
8	<i>Aspergillus brasiliensis</i> sp. nov., a biseriolate black <i>Aspergillus</i> species with world-wide distribution. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1925-1932.	0.8	114
9	Specific detection of the toxigenic species <i>Fusarium proliferatum</i> and <i>F. oxysporum</i> from asparagus plants using primers based on calmodulin gene sequences. <i>FEMS Microbiology Letters</i> , 2004, 230, 235-240.	0.7	96
10	JEM Spotlight: Fungi, mycotoxins and microbial volatile organic compounds in mouldy interiors from water-damaged buildings. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1849.	2.1	96
11	Mycotoxins: An Underhand Food Problem. <i>Methods in Molecular Biology</i> , 2017, 1542, 3-12.	0.4	83
12	<i>Aspergillus uvarum</i> sp. nov., an uniseriate black <i>Aspergillus</i> species isolated from grapes in Europe. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1032-1039.	0.8	82
13	Variation in Fumonisin and Ochratoxin Production Associated with Differences in Biosynthetic Gene Content in <i>Aspergillus niger</i> and <i>A. welwitschiae</i> Isolates from Multiple Crop and Geographic Origins. <i>Frontiers in Microbiology</i> , 2016, 7, 1412.	1.5	76
14	Characterisation and pathogenicity of fungal species associated with branch cankers and stem-end rot of avocado in Italy. <i>European Journal of Plant Pathology</i> , 2016, 146, 963-976.	0.8	76
15	3p Microsatellite Alterations in Exhaled Breath Condensate from Patients with Non-Small Cell Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 738-744.	2.5	75
16	Development of a quantitative real-time PCR assay for the detection of <i>Aspergillus carbonarius</i> in grapes. <i>International Journal of Food Microbiology</i> , 2006, 111, S28-S34.	2.1	71
17	<i>Penicillium</i> Species and Their Associated Mycotoxins. <i>Methods in Molecular Biology</i> , 2017, 1542, 107-119.	0.4	70
18	Variation in secondary metabolite production potential in the <i>Fusarium incarnatum-equiseti</i> species complex revealed by comparative analysis of 13 genomes. <i>BMC Genomics</i> , 2019, 20, 314.	1.2	68

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19	Correlation of Mycotoxin Fumonisin B ₂ Production and Presence of the Fumonisin Biosynthetic Gene <i>fum8</i> in <i>Aspergillus niger</i> from Grape. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9266-9272.	2.4	59
20	Variation in the fumonisin biosynthetic gene cluster in fumonisin-producing and nonproducing black aspergilli. <i>Fungal Genetics and Biology</i> , 2014, 73, 39-52.	0.9	55
21	A polyphasic approach for characterization of a collection of cereal isolates of the <i>Fusarium incarnatum-equiseti</i> species complex. <i>International Journal of Food Microbiology</i> , 2016, 234, 24-35.	2.1	55
22	<i>Penicillium salamii</i> , a new species occurring during seasoning of dry-cured meat. <i>International Journal of Food Microbiology</i> , 2015, 193, 91-98.	2.1	51
23	Molecular biodiversity of mycotoxigenic fungi that threaten food safety. <i>International Journal of Food Microbiology</i> , 2013, 167, 57-66.	2.1	49
24	PCR Assay for Identification of <i>Aspergillus Carbonarius</i> and <i>Aspergillus Japonicus</i> . <i>European Journal of Plant Pathology</i> , 2004, 110, 641-649.	0.8	47
25	AFLP characterization of Southern Europe population of <i>Aspergillus Section Nigri</i> from grapes. <i>International Journal of Food Microbiology</i> , 2006, 111, S22-S27.	2.1	45
26	Polymerase chain reaction (PCR) identification of <i>Aspergillus niger</i> and <i>Aspergillus tubingensis</i> based on the calmodulin gene. <i>Food Additives and Contaminants</i> , 2007, 24, 1154-1160.	2.0	44
27	Genetic variability and fumonisin production by <i>Fusarium proliferatum</i> isolated from durum wheat grains in Argentina. <i>International Journal of Food Microbiology</i> , 2015, 201, 35-41.	2.1	44
28	Toxin Profile, Fertility and AFLP Analysis of <i>Fusarium verticillioides</i> from Banana Fruits. <i>European Journal of Plant Pathology</i> , 2004, 110, 601-609.	0.8	42
29	Fungal mycobiota and mycotoxin risk for traditional artisan Italian cave cheese. <i>Food Microbiology</i> , 2019, 78, 62-72.	2.1	40
30	Influence of light on growth, conidiation and fumonisin production by <i>Fusarium verticillioides</i> . <i>Fungal Biology</i> , 2012, 116, 241-248.	1.1	38
31	Phylogenetic characterization and ochratoxin A " Fumonisin profile of black <i>Aspergillus</i> isolated from grapes in Argentina. <i>International Journal of Food Microbiology</i> , 2011, 149, 171-176.	2.1	36
32	Effects of temperature and water activity on FUM2 and FUM21 gene expression and fumonisin B production in <i>Fusarium verticillioides</i> . <i>European Journal of Plant Pathology</i> , 2012, 134, 685-695.	0.8	33
33	Isolation, Characterization, and Selection of Molds Associated to Fermented Black Table Olives. <i>Frontiers in Microbiology</i> , 2017, 8, 1356.	1.5	33
34	Molecular Identification and Mycotoxin Production by <i>Alternaria</i> Species Occurring on Durum Wheat, Showing Black Point Symptoms. <i>Toxins</i> , 2020, 12, 275.	1.5	32
35	Phylogeny and Mycotoxin Characterization of <i>Alternaria</i> Species Isolated from Wheat Grown in Tuscany, Italy. <i>Toxins</i> , 2018, 10, 472.	1.5	29
36	<i>Penicillium</i> species: crossroad between quality and safety of cured meat production. <i>Current Opinion in Food Science</i> , 2017, 17, 36-40.	4.1	28

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37	Identification, mycotoxin risk and pathogenicity of <i>Fusarium</i> species associated with fig endosepsis in Apulia, Italy. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 718-728.	1.1	27
38	Comparison of species composition and fumonisin production in <i>Aspergillus</i> section <i>Nigri</i> populations in maize kernels from USA and Italy. International Journal of Food Microbiology, 2014, 188, 75-82.	2.1	25
39	Development of loop-mediated isothermal amplification (LAMP) assay for the rapid detection of <i>Penicillium nordicum</i> in dry-cured meat products. International Journal of Food Microbiology, 2015, 202, 42-47.	2.1	25
40	Effect of <i>Penicillium nordicum</i> contamination rates on ochratoxin A accumulation in dry-cured salami. Food Control, 2016, 67, 235-239.	2.8	21
41	Analysis of the fungal microbiome in exhaled breath condensate of patients with asthma. Allergy and Asthma Proceedings, 2016, 37, 41-46.	1.0	21
42	<i>Aspergillus</i> spp. colonization in exhaled breath condensate of lung cancer patients from Puglia Region of Italy. BMC Pulmonary Medicine, 2014, 14, 22.	0.8	19
43	<i>Penicillium gravinicaei</i> , a new species isolated from cave cheese in Apulia, Italy. International Journal of Food Microbiology, 2018, 282, 66-70.	2.1	18
44	<i>Aspergillus</i> section <i>Nigri</i> as contributor of fumonisin B ₂ contamination in maize. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 149-155.	1.1	17
45	Rapid polymerase chain reaction (PCR)-single-stranded conformational polymorphism (SSCP) screening method for the identification of <i>Aspergillus</i> section <i>Nigri</i> species by the detection of calmodulin nucleotide variations. Food Additives and Contaminants, 2007, 24, 1148-1153.	2.0	16
46	Mycotoxin Profile and Phylogeny of Pathogenic <i>Alternaria</i> Species Isolated from Symptomatic Tomato Plants in Lebanon. Toxins, 2021, 13, 513.	1.5	15
47	Fumonisin and Beauvericin Chemotypes and Genotypes of the Sister Species <i>Fusarium subglutinans</i> and <i>Fusarium temperatum</i> . Applied and Environmental Microbiology, 2020, 86, .	1.4	14
48	<i>Fusarium fujikuroi</i> species complex in Brazilian rice: Unveiling increased phylogenetic diversity and toxigenic potential. International Journal of Food Microbiology, 2020, 330, 108667.	2.1	14
49	Phylogeny and Mycotoxin Profile of Pathogenic <i>Fusarium</i> Species Isolated from Sudden Decline Syndrome and Leaf Wilt Symptoms on Date Palms (<i>Phoenix dactylifera</i>) in Tunisia. Toxins, 2021, 13, 463.	1.5	14
50	Study of gene expression and OTA production by <i>Penicillium nordicum</i> during a small-scale seasoning process of salami. International Journal of Food Microbiology, 2016, 227, 51-55.	2.1	13
51	Phylogenetic, toxigenic and virulence profiles of <i>Alternaria</i> species causing leaf blight of tomato in Egypt. Mycological Progress, 2018, 17, 1269-1282.	0.5	13
52	Gain and loss of a transcription factor that regulates late trichothecene biosynthetic pathway genes in <i>Fusarium</i> . Fungal Genetics and Biology, 2020, 136, 103317.	0.9	13
53	A loop-mediated isothermal amplification (LAMP) assay for rapid detection of fumonisin producing <i>Aspergillus</i> species. Food Microbiology, 2020, 90, 103469.	2.1	13
54	Fumonisin B2 by <i>Aspergillus niger</i> in the grape "wine chain: an additional potential mycotoxicological risk. Annals of Microbiology, 2011, 61, 1-3.	1.1	12

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55	Multilocus sequence analysis of <i>Aspergillus Sect. Nigri</i> in dried vine fruits of worldwide origin. <i>International Journal of Food Microbiology</i> , 2013, 165, 163-168.	2.1	12
56	A survey of fungal microbiota in airways of healthy volunteer subjects from Puglia (Apulia), Italy. <i>BMC Infectious Diseases</i> , 2019, 19, 78.	1.3	12
57	Detection of <i>Aspergillus carbonarius</i> and other black aspergilli from grapes by DNA OLISA [®] , a microarray. <i>Food Additives and Contaminants</i> , 2007, 24, 1138-1147.	2.0	10
58	Corrigendum to "Specific detection of the toxigenic species <i>Fusarium proliferatum</i> and <i>F. oxysporum</i> from asparagus plants using primers based on calmodulin gene sequences" [FEMS Lett. 230 (2004) 235-240]. <i>FEMS Microbiology Letters</i> , 2004, 232, 229.	0.7	8
59	Identification of toxigenic fungal species associated with maize ear rot: Calmodulin as single informative gene. <i>International Journal of Food Microbiology</i> , 2020, 319, 108491.	2.1	8
60	Pathogenicity of Fumonisin-producing and Nonproducing Strains of <i>Aspergillus</i> Species in Section <i>Nigri</i> to Maize Ears and Seedlings. <i>Plant Disease</i> , 2018, 102, 282-291.	0.7	7
61	Isolation, Molecular Identification, and Mycotoxin Production of <i>Aspergillus</i> Species Isolated from the Rhizosphere of Sugarcane in the South of Iran. <i>Toxins</i> , 2020, 12, 122.	1.5	6
62	Characterisation of fungal pathogens associated with stem-end rot of avocado fruit in Italy. <i>Acta Horticulturae</i> , 2016, , 133-140.	0.1	4
63	Patulin risk associated with blue mould of pome fruit marketed in southern Italy. <i>Quality Assurance and Safety of Crops and Foods</i> , 2017, 9, 23-29.	1.8	4
64	Phylogeny and mycotoxin profile of <i>Fusarium</i> species isolated from sugarcane in Southern Iran. <i>Microbiological Research</i> , 2021, 252, 126855.	2.5	4
65	A PCR method to identify ochratoxin A-producing <i>Aspergillus westerdijkiae</i> strains on dried and aged foods. <i>International Journal of Food Microbiology</i> , 2021, 344, 109113.	2.1	3
66	Occurrence and Characterization of <i>Penicillium</i> Species Isolated from Post-Harvest Apples in Lebanon. <i>Toxins</i> , 2021, 13, 730.	1.5	3
67	Mycotoxin Biosynthetic Pathways: A Window on the Evolutionary Relationships Among Toxigenic Fungi. , 2017, , 135-148.		2