Antonio Moretti

List of Publications by Year
in descending order

85 papers	4,619 citations	87886 38 h-index	106340 65 g-index
86 all docs	86 docs citations	86 times ranked	4039 citing authors

#	Article	IF	Citations
1	Epidemiology of Toxigenic Fungi and their Associated Mycotoxins for Some Mediterranean Crops. European Journal of Plant Pathology, 2003, 109, 645-667.	1.7	305
2	A two-locus DNA sequence database for typing plant and human pathogens within the Fusarium oxysporum species complex. Fungal Genetics and Biology, 2009, 46, 936-948.	2.1	275
3	One Fungus, One Name: Defining the Genus <i>Fusarium</i> in a Scientifically Robust Way That Preserves Longstanding Use. Phytopathology, 2013, 103, 400-408.	2.2	219
4	Mycotoxin risks under a climate change scenario in Europe. Trends in Food Science and Technology, 2019, 84, 38-40.	15.1	186
5	Mating Type Sequences in Asexually Reproducing Fusarium Species. Applied and Environmental Microbiology, 2004, 70, 4419-4423.	3.1	136
6	Pathogenicity and mycotoxin production by Fusarium proliferatum isolated from onion and garlic in Serbia. European Journal of Plant Pathology, 2007, 118, 165-172.	1.7	131
7	Birth, death and horizontal transfer of the fumonisin biosynthetic gene cluster during the evolutionary diversification of <i><scp>F</scp>usarium</i>. Molecular Microbiology, 2013, 90, 290-306.	2.5	118
8	Fusarium Molds and Mycotoxins: Potential Species-Specific Effects. Toxins, 2018, 10, 244.	3.4	116
9	Natural occurrence of beauvericin in preharvest Fusarium subglutinans infected corn ears in Poland. Journal of Agricultural and Food Chemistry, 1993, 41, 2149-2152.	5.2	115
10	Isolation and characterization of fusaproliferin, a new toxic metabolite fromFusarium proliferatum. Natural Toxins, 1995, 3, 17-20.	1.0	109
11	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic<i>Fusarium</i>that Includes the<i>Fusarium solani</i>Species Complex. Phytopathology, 2021, 111, 1064-1079.	2.2	107
12	Species Diversity of and Toxin Production by <i>Gibberella fujikuroi</i> Species Complex Strains Isolated from Native Prairie Grasses in Kansas. Applied and Environmental Microbiology, 2004, 70, 2254-2262.	3.1	104
13	Occurrence of Fusaproliferin, Fumonisin B1, and Beauvericin in Maize from Italy. Journal of Agricultural and Food Chemistry, 1997, 45, 4011-4016.	5.2	101
14	Specific detection of the toxigenic speciesFusarium proliferatumandF. oxysporumfrom asparagus plants using primers based on calmodulin gene sequences. FEMS Microbiology Letters, 2004, 230, 235-240.	1.8	96
15	JEM Spotlight: Fungi, mycotoxins and microbial volatile organic compounds in mouldy interiors from water-damaged buildings. Journal of Environmental Monitoring, 2009, 11, 1849.	2.1	96
16	Occurrence of Fusaproliferin and Beauvericin in <i>Fusarium</i> -Contaminated Livestock Feed in Iowa. Applied and Environmental Microbiology, 1998, 64, 3923-3926.	3.1	94
17	Further data on the production of beauvericin, enniatins and fusaproliferin and toxicity to Artemia salina by Fusarium species of Gibberella fujikuroi species complex. International Journal of Food Microbiology, 2007, 118, 158-163.	4.7	87
18	Genetic variability and Fumonisin production by Fusarium proliferatum. Food Microbiology, 2010, 27, 50-57.	4.2	86

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19	Mycotoxins: An Underhand Food Problem. Methods in Molecular Biology, 2017, 1542, 3-12.	0.9	83
20	Variation in Fumonisin and Ochratoxin Production Associated with Differences in Biosynthetic Gene Content in Aspergillus niger and A. welwitschiae Isolates from Multiple Crop and Geographic Origins. Frontiers in Microbiology, 2016, 7, 1412.	3.5	76
21	Identification of volatile markers for indoor fungal growth and chemotaxonomic classification of Aspergillus species. Fungal Biology, 2012, 116, 941-953.	2.5	75
22	<i>Gibberella musae</i>(<i>Fusarium musae</i>) sp. nov., a recently discovered species from banana is sister to<i>F. verticillioides</i>. Mycologia, 2011, 103, 570-585.	1.9	73
23	Phylogenetic analyses and toxigenic profiles of Fusarium equiseti and Fusarium acuminatum isolated from cereals from Southern Europe. Food Microbiology, 2012, 31, 229-237.	4.2	72
24	Occurrence of Fumonisin B1and B2inFusariumproliferatumInfected Asparagus Plants. Journal of Agricultural and Food Chemistry, 1998, 46, 5201-5204.	5.2	71
25	Teratogenic Effects of Fusaproliferin on Chicken Embryos. Journal of Agricultural and Food Chemistry, 1997, 45, 3039-3043.	5.2	70
26	Variation in secondary metabolite production potential in the Fusarium incarnatum-equiseti species complex revealed by comparative analysis of 13 genomes. BMC Genomics, 2019, 20, 314.	2.8	68
27	Use of headspace SPME-GC-MS for the analysis of the volatiles produced by indoor molds grown on different substrates. Journal of Environmental Monitoring, 2008, 10, 1127.	2.1	62
28	In Vitro and in Field Response of Different Fungicides against Aspergillus flavus and Fusarium Species Causing Ear Rot Disease of Maize. Toxins, 2019, 11, 11.	3.4	62
29	Correlation of Mycotoxin Fumonisin B₂ Production and Presence of the Fumonisin Biosynthetic Gene <i>fum8</i> in Aspergillus niger from Grape. Journal of Agricultural and Food Chemistry, 2010, 58, 9266-9272.	5.2	59
30	Influence of various growth parameters on fungal growth and volatile metabolite production by indoor molds. Science of the Total Environment, 2012, 414, 277-286.	8.0	56
31	Variation in the fumonisin biosynthetic gene cluster in fumonisin-producing and nonproducing black aspergilli. Fungal Genetics and Biology, 2014, 73, 39-52.	2.1	55
32	A polyphasic approach for characterization of a collection of cereal isolates of the Fusarium incarnatum-equiseti species complex. International Journal of Food Microbiology, 2016, 234, 24-35.	4.7	55
33	Mycotoxin Production in<i>Fusarium</i>According to Contemporary Species Concepts. Annual Review of Phytopathology, 2021, 59, 373-402.	7.8	51
34	Molecular biodiversity of mycotoxigenic fungi that threaten food safety. International Journal of Food Microbiology, 2013, 167, 57-66.	4.7	49
35	AFLP variability, toxin production, and pathogenicity of Alternaria species from Argentinean tomato fruits and puree. International Journal of Food Microbiology, 2011, 145, 414-419.	4.7	48
36	Analysis of microbial taxonomical groups present in maize stalks suppressive to colonization by toxigenic Fusarium spp.: A strategy for the identification of potential antagonists. Biological Control, 2015, 83, 20-28.	3.0	44

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37	Population genetic structure and mycotoxin potential of the wheat crown rot and head blight pathogen Fusarium culmorum in Algeria. Fungal Genetics and Biology, 2017, 103, 34-41.	2.1	44
38	Alternaria species associated to wheat black point identified through a multilocus sequence approach. International Journal of Food Microbiology, 2019, 293, 34-43.	4.7	43
39	Key Global Actions for Mycotoxin Management in Wheat and Other Small Grains. Toxins, 2021, 13, 725.	3.4	43
40	Toxin Profile, Fertility and AFLP Analysis of Fusarium verticillioides from Banana Fruits. European Journal of Plant Pathology, 2004, 110, 601-609.	1.7	42
41	Title is missing!. European Journal of Plant Pathology, 2002, 108, 299-306.	1.7	39
42	Fertility ofFusarium moniliforme from maize and sorghum related to fumonisin production in Italy. Mycopathologia, 1995, 131, 25-29.	3.1	37
43	Fusarium incarnatum-equiseti species complex associated with Brazilian rice: Phylogeny, morphology and toxigenic potential. International Journal of Food Microbiology, 2019, 306, 108267.	4.7	36
44	Effects of beauvericin on Schizaphis graminum (Aphididae). Journal of Invertebrate Pathology, 2002, 80, 90-96.	3.2	32
45	Molecular Identification and Mycotoxin Production by Alternaria Species Occurring on Durum Wheat, Showing Black Point Symptoms. Toxins, 2020, 12, 275.	3.4	32
46	Beauvericin: Chemistry, Biology and Significance. , 2002, , 23-30.		30
47	Systemic Growth of F. graminearum in Wheat Plants and Related Accumulation of Deoxynivalenol. Toxins, 2014, 6, 1308-1324.	3.4	29
48	Phylogeny and Mycotoxin Characterization of Alternaria Species Isolated from Wheat Grown in Tuscany, Italy. Toxins, 2018, 10, 472.	3.4	29
49	Taxonomy of Fusarium genus: A continuous fight between lumpers and splitters. Zbornik Matice Srpske Za Prirodne Nauke, 2009, , 7-13.	0.1	27
50	Aggressiveness of<i>Fusarium graminearum sensu stricto</i>Isolates in Wheat Kernels in Argentina. Journal of Phytopathology, 2010, 158, 173-181.	1.0	27
51	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.	2.3	27
52	Genetic Diversity in Fusarium graminearum from a Major Wheat-Producing Region of Argentina. Toxins, 2011, 3, 1294-1309.	3.4	27
53	Effects of agrochemical treatments on the occurrence of Fusarium ear rot and fumonisin contamination of maize in Southern Italy. Field Crops Research, 2011, 123, 161-169.	5.1	27
54	Isolation, Molecular Identification and Mycotoxin Profile of Fusarium Species Isolated from Maize Kernels in Iran. Toxins, 2019, 11, 297.	3.4	27

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55	Trichothecene and beauvericin mycotoxin production and genetic variability in<i>Fusarium poae</i>isolated from wheat kernels from northern Italy. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 729-737.	2.3	26
56	Comparison of species composition and fumonisin production in Aspergillus section Nigri populations in maize kernels from USA and Italy. International Journal of Food Microbiology, 2014, 188, 75-82.	4.7	25
57	Genetic Divergence and Chemotype Diversity in the Fusarium Head Blight Pathogen Fusarium poae. Toxins, 2017, 9, 255.	3.4	25
58	Alternaria species and mycotoxins associated to black point of cereals. Mycotoxins, 2013, 63, 39-46.	0.2	20
59	Nationwide survey reveals high diversity of Fusarium species and related mycotoxins in Brazilian rice: 2014 and 2015 harvests. Food Control, 2020, 113, 107171.	5.5	18
60	Effects of the fungus Lecanicillium lecanii on survival and reproduction of the aphid Schizaphis graminum. BioControl, 2010, 55, 299-312.	2.0	16
61	Developing logistic models to relate the accumulation of DON associated with Fusarium head blight to climatic conditions in Europe. European Journal of Plant Pathology, 2013, 137, 689-706.	1.7	16
62	Production of enniatins A, A1, B, B1, B4, J1 by Fusarium tricinctum in solid corn culture: Structural analysis and effects on mitochondrial respiration. Food Chemistry, 2013, 140, 784-793.	8.2	15
63	Mycotoxin Profile and Phylogeny of Pathogenic Alternaria Species Isolated from Symptomatic Tomato Plants in Lebanon. Toxins, 2021, 13, 513.	3.4	15
64	Genetic polymorphisms associated to SDHI fungicides resistance in selected Aspergillus flavus strains and relation with aflatoxin production. International Journal of Food Microbiology, 2020, 334, 108799.	4.7	14
65	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, .	3.1	14
66	Fusarium fujikuroi species complex in Brazilian rice: Unveiling increased phylogenetic diversity and toxigenic potential. International Journal of Food Microbiology, 2020, 330, 108667.	4.7	14
67	Phylogeny and Mycotoxin Profile of Pathogenic Fusarium Species Isolated from Sudden Decline Syndrome and Leaf Wilt Symptoms on Date Palms (Phoenix dactylifera) in Tunisia. Toxins, 2021, 13, 463.	3.4	14
68	Gain and loss of a transcription factor that regulates late trichothecene biosynthetic pathway genes in Fusarium. Fungal Genetics and Biology, 2020, 136, 103317.	2.1	13
69	A loop-mediated isothermal amplification (LAMP) assay for rapid detection of fumonisin producing Aspergillus species. Food Microbiology, 2020, 90, 103469.	4.2	13
70	Volatile Organic Compounds Emitted by Aspergillus flavus Strains Producing or Not Aflatoxin B1. Toxins, 2021, 13, 705.	3.4	13
71	Stability of fusaproliferin, a mycotoxin fromFusarium spp. , 1999, 79, 1676-1680.		12
72	Development of a PCR-based assay for the detection of Fusarium oxysporum strain FT2, a potential mycoherbicide of Orobanche ramosa. Biological Control, 2009, 50, 78-84.	3.0	11

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73	Advances on the toxicity of the cereal contaminant Fusarium esadepsipeptides. Cereal Research Communications, 2008, 36, 303-313.	1.6	8
74	Biological and Chemical Complexity of Fusarium proliferatum. , 2009, , 97-111.		8
75	MycoKey Round Table Discussions of Future Directions in Research on Chemical Detection Methods, Genetics and Biodiversity of Mycotoxins. Toxins, 2018, 10, 109.	3.4	8
76	Isolation, Molecular Identification, and Mycotoxin Production of Aspergillus Species Isolated from the Rhizosphere of Sugarcane in the South of Iran. Toxins, 2020, 12, 122.	3.4	6
77	Plasma Technology Increases the Efficacy of Prothioconazole against Fusarium graminearum and Fusarium proliferatum Contamination of Maize (Zea mays) Seedlings. International Journal of Molecular Sciences, 2021, 22, 9301.	4.1	6
78	Molecular identification and mycotoxin production of Lilium longiflorum-associated fusaria isolated from two geographic locations in the United States. European Journal of Plant Pathology, 2011, 131, 631-642.	1.7	5
79	Plasmaâ€assisted deposition of fungicide containing coatings for encapsulation and protection of maize seeds. Plasma Processes and Polymers, 2019, 16, 1900022.	3.0	4
80	First Report of Leaf Wilt Caused by <i>Fusarium proliferatum</i> and <i>F. brachygibbosum</i> on Date Palm (<i>Phoenix dactylifera</i>) in Tunisia. Plant Disease, 2021, 105, 1217.	1.4	4
81	Phylogeny and mycotoxin profile of Fusarium species isolated from sugarcane in Southern Iran. Microbiological Research, 2021, 252, 126855.	5.3	4
82	Occurrence and Characterization of Penicillium Species Isolated from Post-Harvest Apples in Lebanon. Toxins, 2021, 13, 730.	3.4	3
83	Mycotoxin Biosynthetic Pathways: A Window on the Evolutionary Relationships Among Toxigenic Fungi. , 2017, , 135-148.		2
84	Impact of fungicide application to control T-2 and HT-2 toxin contamination and related Fusarium sporotrichioides and F. langsethiae producing species in durum wheat. Crop Protection, 2022, 159, 106020.	2.1	2
85	Genetic structure of Fusarium verticillioides populations from maize in Iran. Fungal Genetics and Biology, 2021, 156, 103613.	2.1	1