Edith Miriam Haidukowski

List of Publications by Year
in descending order

58	2,245	186265	223800
papers	citations	28 h-index	46 g-index

58	58	58	2340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integrated strategies for the control of Fusarium head blight and deoxynivalenol contamination in winter wheat. Field Crops Research, 2012, 133, 139-149.	5.1	125
2	Reduction of deoxynivalenol during durum wheat processing and spaghetti cooking. Toxicology Letters, 2004, 153, 181-189.	0.8	122
3	Effect of fungicides on the development ofFusarium head blight, yield and deoxynivalenol accumulation in wheat inoculated under field conditions withFusarium graminearum andFusarium culmorum. Journal of the Science of Food and Agriculture, 2005, 85, 191-198.	3.5	122
4	Analysis of T-2 and HT-2 toxins in cereal grains by immunoaffinity clean-up and liquid chromatography with fluorescence detection. Journal of Chromatography A, 2005, 1075, 151-158.	3.7	96
5	Aflatoxin B1 and M1 Degradation by Lac2 from Pleurotus pulmonarius and Redox Mediators. Toxins, 2016, 8, 245.	3.4	95
6	Assessment of toxigenic fungi on Argentinean medicinal herbs. Microbiological Research, 2004, 159, 113-120.	5.3	89
7	Multiplex PCR assay for the identification of nivalenol, 3- and 15-acetyl-deoxynivalenol chemotypes inFusarium. FEMS Microbiology Letters, 2006, 259, 7-13.	1.8	84
8	Identification and characterization of new Fusarium masked mycotoxins, T2 and HT2 glycosyl derivatives, in naturally contaminated wheat and oats by liquid chromatographyâ€“highâ€resolution mass spectrometry. Journal of Mass Spectrometry, 2012, 47, 466-475.	1.6	77
9	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
10	Population structure and Aflatoxin production by Aspergillus Sect. Flavi from maize in Nigeria and Ghana. Food Microbiology, 2014, 41, 52-59.	4.2	66
11	Determination of T-2 toxin in cereal grains by liquid chromatography with fluorescence detection after immunoaffinity column clean-up and derivatization with 1-anthroylnitrile. Journal of Chromatography A, 2003, 989, 257-264.	3.7	65
12	InÂvitro single and combined mycotoxins degradation by Ery4 laccase from Pleurotus eryngii and redox mediators. Food Control, 2018, 90, 401-406.	5.5	60
13	Enniatin and Beauvericin Biosynthesis in Fusarium Species: Production Profiles and Structural Determinant Prediction. Toxins, 2017, 9, 45.	3.4	59
14	Assessment of trichothecene chemotypes ofFusarium culmorumoccurring in Europe. Food Additives and Contaminants, 2005, 22, 309-315.	2.0	57
15	Fusarium graminearum and deoxynivalenol contamination in the durum wheat area of Argentina. Microbiological Research, 2003, 158, 29-35.	5.3	55
16	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
17	Biodegradation of Ochratoxin A by Bacterial Strains Isolated from Vineyard Soils. Toxins, 2015, 7, 5079-5093.	3.4	50
18	Transcriptional Analysis of Acinetobacter sp. neg1 Capable of Degrading Ochratoxin A. Frontiers in Microbiology, 2016, 7, 2162.	3.5	48

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19	Distribution of T-2 and HT-2 Toxins in Milling Fractions of Durum Wheat. Journal of Food Protection, 2011, 74, 1700-1707.	1.7	47
20	Genetic variability and fumonisin production by Fusarium proliferatum isolated from durum wheat grains in Argentina. International Journal of Food Microbiology, 2015, 201, 35-41.	4.7	44
21	Macrocyclic trichothecenes in Baccharis coridifolia plants and endophytes and Baccharis artemisioides plants. Toxicon, 1997, 35, 753-757.	1.6	42
22	Enzymatic transformation of aflatoxin B1 by Rh_DypB peroxidase and characterization of the reaction products. Chemosphere, 2020, 250, 126296.	8.2	41
23	Influence of light on growth, fumonisin biosynthesis and FUM1 gene expression by Fusarium proliferatum. International Journal of Food Microbiology, 2012, 153, 148-153.	4.7	40
24	Fungal mycobiota and mycotoxin risk for traditional artisan Italian cave cheese. Food Microbiology, 2019, 78, 62-72.	4.2	40
25	Influence of light on growth, conidiation and fumonisin production by Fusarium verticillioides. Fungal Biology, 2012, 116, 241-248.	2.5	38
26	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
27	Effect of sowing date and insecticide application against European corn borer (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.1	35
28	Bioremediation of aflatoxin B1-contaminated maize by king oyster mushroom (Pleurotus eryngii). PLoS ONE, 2017, 12, e0182574.	2.5	35
29	Mycotoxin profile of Fusarium langsethiae isolated from wheat in Italy: production of typeâ€A trichothecenes and relevant glucosyl derivatives. Journal of Mass Spectrometry, 2013, 48, 1291-1298.	1.6	30
30	Degradation of Aflatoxin B1 by a Sustainable Enzymatic Extract from Spent Mushroom Substrate of Pleurotus eryngii. Toxins, 2020, 12, 49.	3.4	29
31	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
32	Isolation, Molecular Identification and Mycotoxin Profile of Fusarium Species Isolated from Maize Kernels in Iran. Toxins, 2019, 11, 297.	3.4	27
33	Ochratoxin A Management in Vineyards by Lobesia botrana Biocontrol. Toxins, 2013, 5, 49-59.	3.4	25
34	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
35	Is Exploitation Competition Involved in a Multitrophic Strategy for the Biocontrol of Fusarium Head Blight?. Phytopathology, 2019, 109, 560-570.	2.2	25
36	Management of fumonisin contamination in maize kernels through the timing of insecticide application against the European corn borerOstrinia nubilalisHÃ¼bner. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2009, 26, 1501-1514.	2.3	20

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37	Assessment ofFusariuminfection in wheat heads using a quantitative polymerase chain reaction (qPCR) assay. Food Additives and Contaminants, 2007, 24, 1121-1130.	2.0	19
38	Penicillium gravinicasei, a new species isolated from cave cheese in Apulia, Italy. International Journal of Food Microbiology, 2018, 282, 66-70.	4.7	18
39	Potential of Trichoderma spp. for Biocontrol of Aflatoxin-Producing Aspergillus flavus. Toxins, 2022, 14, 86.	3.4	18
40	Influence of light on growth, conidiation and the mutual regulation of fumonisin B2 and ochratoxin A biosynthesis by Aspergillus niger. World Mycotoxin Journal, 2012, 5, 169-176.	1.4	17
41	A critical evaluation of cultural methods for the identification of atoxigenic Aspergillus flavus isolates for aflatoxin mitigation in pistachio orchards of Iran. European Journal of Plant Pathology, 2014, 140, 631-642.	1.7	16
42	Occurrence of Fusarium langsethiae Strains Isolated from Durum Wheat in Italy. Journal of Phytopathology, 2015, 163, 612-619.	1.0	16
43	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
44	Fumonisin and Beauvericin Chemotypes and Genotypes of the Sister Species Fusarium subglutinans and Fusarium temperatum. Applied and Environmental Microbiology, 2020, 86, .	3.1	14
45	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
46	Draft genome sequence of Acinetobacter sp. neg1 capable of degrading ochratoxin A. FEMS Microbiology Letters, 2015, 362, .	1.8	12
47	New insight into microbial degradation of mycotoxins during anaerobic digestion. Waste Management, 2021, 119, 215-225.	7.4	12
48	Influence of agronomic conditions on the efficacy of different fungicides applied to wheat at heading: effect on flag leaf senescence, Fusarium head blight attack, grain yield and deoxynivalenol contamination. Italian Journal of Agronomy, 2011, 6, 32.	1.0	11
49	Sanitary factors and mycotoxin contamination in the argentinian wheat crop 1993/94. Mycotoxin Research, 1997, 13, 67-72.	2.3	10
50	Increase of Fumonisin B2 and Ochratoxin A Production by Black Aspergillus Species and Oxidative Stress in Grape Berries Damaged by Powdery Mildew. Journal of Food Protection, 2013, 76, 2031-2036.	1.7	10
51	Fungal and aflatoxin contamination of medicinal herbs. Mycotoxin Research, 1998, 14, 46-53.	2.3	8
52	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
53	Inhibition of ochratoxin A production in Aspergillus carbonarius by hydroxycinnamic acids from grapes. World Mycotoxin Journal, 2015, 8, 283-289.	1.4	6
54	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

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55	Phylogeny and mycotoxin profile of Fusarium species isolated from sugarcane in Southern Iran. Microbiological Research, 2021, 252, 126855.	5.3	4
56	Mycotoxicological control on raw material and tablets of cascara sagrada (Rhamnus purshiana). Mycotoxin Research, 1999, 15, 91-95.	2.3	3
57	A PCR method to identify ochratoxin A-producing Aspergillus westerdijkiae strains on dried and aged foods. International Journal of Food Microbiology, 2021, 344, 109113.	4.7	3
58	Ecophysiology of Fusarium chaquense a Novel Type A Trichothecene Producer Species Isolated from Natural Grasses. Toxins, 2021, 13, 895.	3.4	0