Michelangelo Pascale

List of Publications by Year
in descending order

102	4,278	101384	123241
papers	citations	36 h-index	61 g-index

104	104	104	3654
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mass spectrometry-based electronic nose to authenticate 100% Italian durum wheat pasta and characterization of volatile compounds. Food Chemistry, 2022, 383, 132548.	4.2	15
2	Overview of Recent Liquid Chromatography Mass Spectrometry-Based Methods for Natural Toxins Detection in Food Products. Toxins, 2022, 14, 328.	1.5	22
3	Mycotoxin Analysis of Grain via Dust Sampling: Review, Recent Advances and the Way Forward: The Contribution of the MycoKey Project. Toxins, 2022, 14, 381.	1.5	4
4	Rapid and reliable detection of glyphosate in pome fruits, berries, pulses and cereals by flow injection â€“ Mass spectrometry. Food Chemistry, 2020, 310, 125813.	4.2	19
5	Toxigenic Fungi and Mycotoxins in a Climate Change Scenario: Ecology, Genomics, Distribution, Prediction and Prevention of the Risk. Microorganisms, 2020, 8, 1496.	1.6	103
6	A simple design for the validation of a FT-NIR screening method: Application to the detection of durum wheat pasta adulteration. Food Chemistry, 2020, 333, 127449.	4.2	9
7	Determination of Zearalenone and Trichothecenes, Including Deoxynivalenol and Its Acetylated Derivatives, Nivalenol, T-2 and HT-2 Toxins, in Wheat and Wheat Products by LC-MS/MS: A Collaborative Study. Toxins, 2020, 12, 786.	1.5	20
8	An In-Silico Pipeline for Rapid Screening of DNA Aptamers against Mycotoxins: The Case-Study of Fumonisin B1, Aflatoxin B1 and Ochratoxin A. Polymers, 2020, 12, 2983.	2.0	10
9	Natural Occurrence of Ochratoxin A in Blood and Milk Samples from Jennies and Their Foals after Delivery. Toxins, 2020, 12, 758.	1.5	5
10	Rapid Authentication of 100% Italian Durum Wheat Pasta by FT-NIR Spectroscopy Combined with Chemometric Tools. Foods, 2020, 9, 1551.	1.9	10
11	Aflatoxin Reduction in Maize by Industrial-Scale Cleaning Solutions. Toxins, 2020, 12, 331.	1.5	18
12	Application of an Integrated and Open Source Workflow for LC-HRMS Plant Metabolomics Studies. Case-Control Study: Metabolic Changes of Maize in Response to Fusarium verticillioides Infection. Frontiers in Plant Science, 2020, 11, 664.	1.7	11
13	Critical Comparison of Analytical Performances of Two Immunoassay Methods for Rapid Detection of Aflatoxin M1 in Milk. Toxins, 2020, 12, 270.	1.5	13
14	Detection of durum wheat pasta adulteration with common wheat by infrared spectroscopy and chemometrics: A case study. LWT - Food Science and Technology, 2020, 127, 109368.	2.5	17
15	Fluorescence Polarization Immunoassay for the Determination of T-2 and HT-2 Toxins and Their Glucosides in Wheat. Toxins, 2019, 11, 380.	1.5	17
16	Tracing the Geographical Origin of Durum Wheat by FT-NIR Spectroscopy. Foods, 2019, 8, 450.	1.9	27
17	Determination of Fumonisin B1 in maize using molecularly imprinted polymer nanoparticles-based assay. Food Chemistry, 2019, 298, 125044.	4.2	29
18	Evaluation of Mycotoxin Screening Tests in a Verification Study Involving First Time Users. Toxins, 2019, 11, 129.	1.5	18

#	Article	IF	Citations
19	Performance Evaluation of LC-MS Methods for Multimycotoxin Determination. Journal of AOAC INTERNATIONAL, 2019, 102, 1708-1720.	0.7	7
20	Performance Evaluation of LC-MS Methods for Multimycotoxin Determination. Journal of AOAC INTERNATIONAL, 2019, 102, 1708-1720.	0.7	14
21	Rapid screening of ochratoxin A in wheat by infrared spectroscopy. Food Chemistry, 2019, 282, 95-100.	4.2	28
22	Discrimination of geographical origin of oranges (Citrus sinensis L. Osbeck) by mass spectrometry-based electronic nose and characterization of volatile compounds. Food Chemistry, 2019, 277, 25-30.	4.2	50
23	Fourier transform nearâ€infrared and midâ€infrared spectroscopy as efficient tools for rapid screening of deoxynivalenol contamination in wheat bran. Journal of the Science of Food and Agriculture, 2019, 99, 1946-1953.	1.7	32
24	Mycotoxin risks under a climate change scenario in Europe. Trends in Food Science and Technology, 2019, 84, 38-40.	7.8	186
25	Inâ€house validation and smallâ€scale collaborative study to evaluate analytical performances of multimycotoxin screening methods based on liquid chromatographyâ€“highâ€resolution mass spectrometry: Case study on Fusarium toxins in wheat. Journal of Mass Spectrometry, 2018, 53, 743-752.	0.7	15
26	Rapid prediction of deoxynivalenol contamination in wheat bran by MOSâ€based electronic nose and characterization of the relevant pattern of volatile compounds. Journal of the Science of Food and Agriculture, 2018, 98, 4955-4962.	1.7	23
27	Validation of a lateral flow immunoassay for the rapid determination of aflatoxins in maize by solvent free extraction. Analytical Methods, 2018, 10, 123-130.	1.3	9
28	Natural co-occurrence of aflatoxins and ochratoxin A in ginger (Zingiber officinale) from Nigeria. Food Control, 2017, 73, 1061-1067.	2.8	34
29	Performance evaluation of LCâ€“MS/MS methods for multi-mycotoxin determination in maize and wheat by means of international Proficiency Testing. TrAC - Trends in Analytical Chemistry, 2017, 86, 222-234.	5.8	38
30	Determination of Ochratoxin A in Rye and Rye-Based Products by Fluorescence Polarization Immunoassay. Toxins, 2017, 9, 305.	1.5	7
31	Determination of T-2 and HT-2 Toxins in Oats and Oat-Based Breakfast Cereals by Liquid-Chromatography Tandem Mass Spectrometry. Methods in Molecular Biology, 2017, 1536, 127-136.	0.4	5
32	Occurrence of Fusarium langsethiae and T-2 and HT-2 Toxins in Italian Malting Barley. Toxins, 2016, 8, 247.	1.5	50
33	Comparison of In-Solution Biorecognition Properties of Aptamers against Ochratoxin A. Toxins, 2016, 8, 336.	1.5	22
34	Screening and Identification of DNA Aptamers to Tyramine Using in Vitro Selection and High-Throughput Sequencing. ACS Combinatorial Science, 2016, 18, 302-313.	3.8	30
35	Optimization and Validation of a Fluorescence Polarization Immunoassay for Rapid Detection of T-2 and HT-2 Toxins in Cereals and Cereal-Based Products. Food Analytical Methods, 2016, 9, 3310-3318.	1.3	16
36	Rapid prediction of ochratoxin A-producing strains of Penicillium on dry-cured meat by MOS-based electronic nose. International Journal of Food Microbiology, 2016, 218, 71-77.	2.1	53

#	Article	IF	Citations
37	Effect of alkaline cooking of maize on the content of fumonisins B1 and B2 and their hydrolysed forms. Food Chemistry, 2016, 192, 1083-1089.	4.2	37
38	LC-tandem mass spectrometry as a screening tool for multiple detection of allergenic ingredients in complex foods. Acta IMEKO (2012), 2016, 5, 5.	0.4	13
39	Occurrence of Fusarium langsethiae Strains Isolated from Durum Wheat in Italy. Journal of Phytopathology, 2015, 163, 612-619.	0.5	16
40	Comprehensive Analytical Comparison of Strategies Used for Small Molecule Aptamer Evaluation. Analytical Chemistry, 2015, 87, 8608-8612.	3.2	139
41	Study of the natural occurrence of T-2 and HT-2 toxins and their glucosyl derivatives from field barley to malt by high-resolution Orbitrap mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1647-1655.	1.1	28
42	Rapid Analysis of Deoxynivalenol in Durum Wheat by FT-NIR Spectroscopy. Toxins, 2014, 6, 3129-3143.	1.5	46
43	Use of liquid chromatography-high-resolution mass spectrometry for isolation and characterization of hydrolyzed fumonisins and relevant analysis in maize-based products. Journal of Mass Spectrometry, 2014, 49, 297-305.	0.7	25
44	Determination of Deoxynivalenol in Wheat Bran and Whole-Wheat Flour by Fluorescence Polarization Immunoassay. Food Analytical Methods, 2014, 7, 806-813.	1.3	25
45	Determination of Deoxynivalenol and Nivalenol in Wheat by Ultra-Performance Liquid Chromatography/Photodiode-Array Detector and Immunoaffinity Column Cleanup. Food Analytical Methods, 2014, 7, 555-562.	1.3	26
46	Fluorescence Polarization Immunoassay for Rapid, Accurate and Sensitive Determination of Ochratoxin A in Wheat. Food Analytical Methods, 2014, 7, 298-307.	1.3	30
47	Physico-Chemical Investigation on the Interaction Between Ochratoxin A and Heptakis-2,6-di-O-Methyl-β-Cyclodextrin. Journal of Solution Chemistry, 2014, 43, 1436-1447.	0.6	2
48	Screening of deoxynivalenol contamination in durum wheat by MOS-based electronic nose and identification of the relevant pattern of volatile compounds. Food Control, 2014, 37, 263-271.	2.8	71
49	Interactions between cyclodextrins and fluorescent T-2 and HT-2 toxin derivatives: a physico-chemical study. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 75, 285-292.	1.6	2
50	Fate of deoxynivalenol, T-2 and HT-2 toxins and their glucoside conjugates from flour to bread: an investigation by high-performance liquid chromatography high-resolution mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 345-355.	1.1	56
51	Surface Plasmon Resonance Genosensor for the Detection of Fusarium culmorum. Methods in Molecular Biology, 2013, 968, 155-165.	0.4	3
52	Determination of Ochratoxin A in Wine by Means of Immunoaffinity and Aminopropyl Solid-Phase Column Cleanup and Fluorometric Detection. Journal of Agricultural and Food Chemistry, 2013, 61, 1604-1608.	2.4	26
53	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.	0.7	30
54	Comparison of Slurry Mixing and Dry Milling in Laboratory Sample Preparation for Determination of Ochratoxin A and Deoxynivalenol in Wheat. Journal of AOAC INTERNATIONAL, 2012, 95, 452-458.	0.7	10

#	Article	IF	Citations
55	Determination of HT-2 and T-2 toxins in oats and wheat by ultra-performance liquid chromatography with photodiode array detection. Talanta, 2012, 89, 231-236.	2.9	58
56	Grain Safety Assurance, Including Impacts on Durum Wheat Trading 1 1Â©The Canadian Grain Commission, Government of Canada.. , 2012, , 251-277.		0
57	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.	0.7	77
58	Integrated strategies for the control of Fusarium head blight and deoxynivalenol contamination in winter wheat. Field Crops Research, 2012, 133, 139-149.	2.3	125
59	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.	0.4	11
60	Survey of T-2 and HT-2 toxins in soybean and soy meal from Argentina using immunoaffinity clean-up and high performance liquid chromatography. World Mycotoxin Journal, 2011, 4, 189-197.	0.8	12
61	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.	2.3	27
62	A rapid fluorescence polarization immunoassay for the determination of T-2 and HT-2 toxins in wheat. Analytical and Bioanalytical Chemistry, 2011, 401, 2561-2571.	1.9	37
63	Distribution of T-2 and HT-2 Toxins in Milling Fractions of Durum Wheat. Journal of Food Protection, 2011, 74, 1700-1707.	0.8	47
64	Analysis of genes early expressed during Aspergillus flavus colonisation of hazelnut. International Journal of Food Microbiology, 2010, 137, 111-115.	2.1	17
65	REVIEW: An Overview on Fusarium Mycotoxins in the Durum Wheat Pasta Production Chain. Cereal Chemistry, 2010, 87, 21-27.	1.1	38
66	Detection methods for mycotoxins in cereal grains and cereal products. Zbornik Matice Srpske Za Prirodne Nauke, 2009, , 15-25.	0.0	45
67	Fluorescence polarization immunoassay for rapid screening of ochratoxin A in red wine. Analytical and Bioanalytical Chemistry, 2009, 395, 1317-1323.	1.9	72
68	Current analytical methods for trichothecene mycotoxins in cereals. TrAC - Trends in Analytical Chemistry, 2009, 28, 758-768.	5.8	102
69	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.	1.1	20
70	Use of itaconic acid-based polymers for solid-phase extraction of deoxynivalenol and application to pasta analysis. Analytica Chimica Acta, 2008, 609, 131-138.	2.6	42
71	Rapid Method for Determination of Phosphine Residues in Wheat. Food Analytical Methods, 2008, 1, 220-225.	1.3	7
72	Recent Developments in Trichothecene Analysis. ACS Symposium Series, 2008, , 192-210.	0.5	6

#	Article	IF	Citations
73	Effect of sowing date and insecticide application against European corn borer (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.0	35
74	Improvement of detection sensitivity of T-2 and HT-2 toxins using different fluorescent labeling reagents by high-performance liquid chromatographyâ˜†. Talanta, 2008, 74, 1476-1483.	2.9	57
75	Inhibition of Species of the Aspergillus Section Nigri and Ochratoxin A Production in Grapes by Fusapyrone. Applied and Environmental Microbiology, 2008, 74, 2248-2253.	1.4	10
76	Assessment ofFusariuminfection in wheat heads using a quantitative polymerase chain reaction (qPCR) assay. Food Additives and Contaminants, 2007, 24, 1121-1130.	2.0	19
77	Positive Correlation between High Levels of Ochratoxin A and Resveratrol-Related Compounds in Red Wines. Journal of Agricultural and Food Chemistry, 2007, 55, 6807-6812.	2.4	33
78	Detection of Fusarium culmorum in wheat by a surface plasmon resonance-based DNA sensor. Journal of Microbiological Methods, 2006, 66, 529-537.	0.7	42
79	Monoclonal antibody based electrochemical immunosensor for the determination of ochratoxin A in wheat. Talanta, 2006, 69, 1031-1037.	2.9	108
80	Optimization of a Fluorescence Polarization Immunoassay for Rapid Quantification of Deoxynivalenol in Durum Wheatâ€"Based Products. Journal of Food Protection, 2006, 69, 2712-2719.	0.8	59
81	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.	1.8	96
82	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.	1.7	122
83	Reduction of deoxynivalenol during durum wheat processing and spaghetti cooking. Toxicology Letters, 2004, 153, 181-189.	0.4	122
84	Production of phenyllactic acid by lactic acid bacteria: an approach to the selection of strains contributing to food quality and preservation. FEMS Microbiology Letters, 2004, 233, 289-295.	0.7	74
85	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.	1.8	65
86	Ear rot susceptibility and mycotoxin contamination of maize hybrids inoculated with Fusarium species under field conditions. , 2002, , 645-651.		3
87	Accumulation of fumonisins, beauvericin and fusaproliferin in maize hybrids inoculated under field conditions with Fusarium proliferatum. Mycological Research, 2002, 106, 1026-1030.	2.5	15
88	Title is missing!. European Journal of Plant Pathology, 2002, 108, 645-651.	0.8	52
89	Determination of Ochratoxin A in Wine and Beer by Immunoaffinity Column Cleanup and Liquid Chromatographic Analysis with Fluorometric Detection: Collaborative Study. Journal of AOAC INTERNATIONAL, 2001, 84, 1818-1827.	0.7	99
90	Rapid method for the determination of ochratoxin A in urine by immunoaffinity column clean-up and high-performance liquid chromatography. Mycopathologia, 2001, 152, 91-95.	1.3	43

#	Article	IF	Citations
91	Determination of ochratoxin A in domestic and imported beers in Italy by immunoaffinity clean-up and liquid chromatography. Journal of Chromatography A, 2000, 888, 321-326.	1.8	135
92	New Î·5- and Î¼-(O)-Rh(I) phenoxide complexes: synthesis, characterisation and unconventional reactivity of Î·5-complexes towards carbon dioxide. Journal of Organometallic Chemistry, 2000, 605, 143-150.	0.8	8
93	Fumonisin Production on Irradiated Corn Kernels: Effect of Inoculum Size. Journal of Food Protection, 1999, 62, 814-817.	0.8	16
94	Determination of ochratoxin A in wine by means of immunoaffinity column clean-up and high-performance liquid chromatography. Journal of Chromatography A, 1999, 864, 89-101.	1.8	298
95	Mycotoxin contamination of maize hybrids after infection withFusarium proliferatum. Journal of the Science of Food and Agriculture, 1999, 79, 2094-2098.	1.7	21
96	Determination of zearalenone in corn by means of immunoaffinity clean-up and high-performance liquid chromatography with fluorescence detection. Journal of Chromatography A, 1998, 815, 133-140.	1.8	136
97	Fumonisin production by, and mating populations of, Fusarium section Liseola isolates from maize in Argentina. Mycological Research, 1998, 102, 141-144.	2.5	30
98	Accumulation of Fumonisins in Maize Hybrids Inoculated under Field Conditions withFusarium moniliforme Sheldon. Journal of the Science of Food and Agriculture, 1997, 74, 1-6.	1.7	41
99	Fusarium and Fumonisin Occurrence in Argentinian Corn at Different Ear Maturity Stages. Journal of Agricultural and Food Chemistry, 1996, 44, 2797-2801.	2.4	131
100	European intercomparison study for the determination of fumonisins in maize. Mikrochimica Acta, 1996, 123, 55-61.	2.5	9
101	Natural occurrence of fumonisins and their correlation to Fusarium contamination in commercial corn hybrids growth in Argentina. Mycopathologia, 1996, 135, 29-34.	1.3	44
102	Occurrence of fumonisins in Europe and the BCRâ€”measurements and testing projects. Natural Toxins, 1995, 3, 269-274.	1.0	29