Chris M Maragos

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104 papers	5,069 citations	38 h-index	70 g-index
108 ext. papers	5,397 ext. citations	3.9 avg, IF	5.63 L-index

#	Paper	IF	Citations
104	Volatile Organic Compound Profile Fingerprints Using DART-MS Shows Species-Specific Patterns in Mycotoxin Producing Fungi.. *Journal of Fungi (Basel, Switzerland)*, **2021**, 8,	5.6	2
103	Roquefortine C in blue-veined and soft-ripened Cheeses in the USA. *Food Additives and Contaminants: Part B Surveillance*, **2021**, 1-9	3.3	5
102	Development and characterisation of a monoclonal antibody to detect the mycotoxin roquefortine C. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2020**, 37, 1777-1790	3.2	4
101	Immunoassay utilizing imaging surface plasmon resonance for the detection of cyclopiazonic acid (CPA) in maize and cheese. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 3543-3552	4.4	15
100	Coordination of mycotoxins with lanthanides in luminescent complexes. *Mycotoxin Research*, **2019**, 35, 279-292	4	1
99	Fluorescence Polarization Immunoassay for the Determination of T-2 and HT-2 Toxins and Their Glucosides in Wheat. *Toxins*, **2019**, 11,	4.9	8
98	Development and Characterization of Monoclonal Antibodies for the Mycotoxin Citreoviridin. *Toxins*, **2019**, 11,	4.9	2
97	Gold nanoparticle-enhanced multiplexed imaging surface plasmon resonance (iSPR) detection of Fusarium mycotoxins in wheat. *Biosensors and Bioelectronics*, **2018**, 101, 245-252	11.8	55
96	MycoKey Round Table Discussions of Future Directions in Research on Chemical Detection Methods, Genetics and Biodiversity of Mycotoxins. *Toxins*, **2018**, 10,	4.9	7
95	An Imaging Surface Plasmon Resonance Biosensor Assay for the Detection of T-2 Toxin and Masked T-2 Toxin-3-Glucoside in Wheat. *Toxins*, **2018**, 10,	4.9	18
94	Interaction of zearalenone with bovine serum albumin as determined by fluorescence quenching. *Mycotoxin Research*, **2018**, 34, 39-48	4	15
93	Complexation of the Mycotoxin Cyclopiazonic Acid with Lanthanides Yields Luminescent Products. *Toxins*, **2018**, 10,	4.9	5
92	Detection of cyclopiazonic acid (CPA) in maize by immunoassay. *Mycotoxin Research*, **2017**, 33, 157-165	4	14
91	Multiplexed Biosensors for Mycotoxins. *Journal of AOAC INTERNATIONAL*, **2016**, 99, 849-860	1.7	17
90	Comparison of Enzyme-Linked Immunosorbent Assay, Surface Plasmon Resonance and Biolayer Interferometry for Screening of Deoxynivalenol in Wheat and Wheat Dust. *Toxins*, **2016**, 8, 103	4.9	17
89	Quantification of patulin in fruit leathers by ultra-high-performance liquid chromatography-photodiode array (UPLC-PDA). *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2015**, 32, 1164-74	3.2	9
88	Developments in mycotoxin analysis: an update for 2013-2014. *World Mycotoxin Journal*, **2015**, 8, 5-35	2.5	34

87	Determination of the aflatoxin M1 (AFM1) from milk by direct analysis in real time mass spectrometry (DART-MS). *Food Control*, **2015**, 47, 592-598	6.2	60
86	Development and Evaluation of Monoclonal Antibodies for Paxilline. *Toxins*, **2015**, 7, 3903-15	4.9	9
85	Anomericity of T-2 toxin-glucoside: masked mycotoxin in cereal crops. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 731-8	5.7	57
84	Chapter 1:Introduction to Masked Mycotoxins. *Issues in Toxicology*, **2015**, 1-13	0.3	7
83	Production of anti-idiotype antibodies for deoxynivalenol and their evaluation with three immunoassay platforms. *Mycotoxin Research*, **2014**, 30, 103-11	4	14
82	Fluorescence polarisation immunoassays for rapid, accurate and sensitive determination of mycotoxins. *World Mycotoxin Journal*, **2014**, 7, 479-490	2.5	29
81	Developments in mycotoxin analysis: an update for 2012-2013. *World Mycotoxin Journal*, **2014**, 7, 3-33	2.5	58
80	Determination of the aflatoxin AFB1 from corn by direct analysis in real time-mass spectrometry (DART-MS). *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2014**, 31, 932-9	3.2	26
79	Determination of Deoxynivalenol in Wheat Bran and Whole-Wheat Flour by Fluorescence Polarization Immunoassay. *Food Analytical Methods*, **2014**, 7, 806-813	3.4	17
78	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		2
77	Development and evaluation of monoclonal antibodies for the glucoside of T-2 toxin (t2-glc). *Toxins* , **2013**, 5, 1299-313	4.9	15
76	Signal amplification using colloidal gold in a biolayer interferometry-based immunosensor for the mycotoxin deoxynivalenol. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2012**, 29, 1108-17	3.2	22
75	Zearalenone occurrence in surface waters in central Illinois, USA. *Food Additives and Contaminants: Part B Surveillance*, **2012**, 5, 55-64	3.3	12
74	Developments in mycotoxin analysis: an update for 2010-2011. *World Mycotoxin Journal*, **2012**, 5, 3-30	2.5	71
73	Production and characterization of a single chain variable fragment (scFv) against the mycotoxin deoxynivalenol. *Food and Agricultural Immunology*, **2012**, 23, 51-67	2.9	22
72	Developments in mycotoxin analysis: an update for 2009-2010. *World Mycotoxin Journal*, **2011**, 4, 3-28	2.5	39
71	Detection of deoxynivalenol using biolayer interferometry. *Mycotoxin Research*, **2011**, 27, 157-65	4	18
70	Observation of T-2 toxin and HT-2 toxin glucosides from Fusarium sporotrichioides by liquid chromatography coupled to tandem mass spectrometry (LC-MS/MS). *Toxins*, **2011**, 3, 1554-68	4.9	55

69	Committee on Natural Toxins and Food Allergens. *Journal of AOAC INTERNATIONAL*, **2010**, 93, 28B-29B	1.7	
68	Zearalenone occurrence and human exposure. *World Mycotoxin Journal*, **2010**, 3, 369-383	2.5	68
67	A Closer Look at Cyclodextrins in Mycotoxin Analysis. *ACS Symposium Series*, **2010**, 293-305	0.4	
66	Rapid and advanced tools for mycotoxin analysis: a review. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2010**, 27, 688-700	3.2	113
65	Developments in mycotoxin analysis: an update for 2008-2009. *World Mycotoxin Journal*, **2010**, 3, 3-23	2.5	29
64	Rapid detection of nivalenol and deoxynivalenol in wheat using surface plasmon resonance immunoassay. *Analytica Chimica Acta*, **2010**, 673, 173-8	6.6	51
63	Fluorescence polarization immunoassay of mycotoxins: a review. *Toxins*, **2009**, 1, 196-207	4.9	58
62	Photoreaction of indole-containing mycotoxins to fluorescent products. *Mycotoxin Research*, **2009**, 25, 67-75	4	2
61	Recent advances in the development of novel materials for mycotoxin analysis. *Analytical and Bioanalytical Chemistry*, **2009**, 395, 1205-13	4.4	53
60	Developments in mycotoxin analysis: an update for 2007-2008. *World Mycotoxin Journal*, **2009**, 2, 3-21	2.5	22
59	Biosensors for mycotoxin analysis: recent developments and future prospects. *World Mycotoxin Journal*, **2009**, 2, 221-238	2.5	23
58	Photolysis of cyclopiazonic acid to fluorescent products. *World Mycotoxin Journal*, **2009**, 2, 77-84	2.5	9
57	Committee on Natural Toxins and Food Allergens. *Journal of AOAC INTERNATIONAL*, **2009**, 92, 25B-25B	1.7	
56	Use of cyclodextrins as modifiers of fluorescence in the detection of mycotoxins. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2008**, 25, 164-71	3.2	47
55	Improvement of detection sensitivity of T-2 and HT-2 toxins using different fluorescent labeling reagents by high-performance liquid chromatography. *Talanta*, **2008**, 74, 1476-83	6.2	48
54	Development of monoclonal antibodies for the fusarin mycotoxins. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2008**, 25, 105-14	3.2	26
53	Extraction of Aflatoxins B1 and G1 from Maize by Using Aqueous Sodium Dodecyl Sulfate. *Journal of AOAC INTERNATIONAL*, **2008**, 91, 762-767	1.7	8
52	Molecularly Imprinted Polymers for Mycotoxins. *ACS Symposium Series*, **2008**, 152-169	0.4	3

51	Recent Developments in Trichothecene Analysis. *ACS Symposium Series*, **2008**, 192-210	0.4	4
50	Extraction of aflatoxins B1 and G1 from maize by using aqueous sodium dodecyl sulfate. *Journal of AOAC INTERNATIONAL*, **2008**, 91, 762-7	1.7	
49	Relationships of Resistance to Fusarium Ear Rot and Fumonisin Contamination with Agronomic Performance of Maize. *Crop Science*, **2007**, 47, 1770-1778	2.4	19
48	Committee on Natural Toxins and Food Allergens : Mycotoxins. *Journal of AOAC INTERNATIONAL*, **2007**, 90, 1B-17B	1.7	3
47	Capillary electrophoresis of the mycotoxin zearalenone using cyclodextrin-enhanced fluorescence. *Journal of Chromatography A*, **2007**, 1143, 252-7	4.5	58
46	Synthesis and evaluation of molecularly imprinted polymers as sorbents of moniliformin. *Food Additives and Contaminants*, **2007**, 24, 43-52		24
45	Relationships among resistances to fusarium and Aspergillus ear rots and contamination by fumonisin and aflatoxin in maize. *Phytopathology*, **2007**, 97, 311-7	3.8	44
44	Fluorescence polarization for mycotoxin determination. *Mycotoxin Research*, **2006**, 22, 96-9	4	9
43	Maize ear rot and moniliformin contamination by cryptic species of Fusarium subglutinans. *Journal of Agricultural and Food Chemistry*, **2006**, 54, 7383-90	5.7	21
42	Heritabilities and Correlations of Fusarium Ear Rot Resistance and Fumonisin Contamination Resistance in Two Maize Populations. *Crop Science*, **2006**, 46, 353-361	2.4	88
41	Measurement of T-2 and HT-2 toxins in eggs by high-performance liquid chromatography with fluorescence detection. *Journal of Food Protection*, **2006**, 69, 2773-6	2.5	8
40	QTL Mapping for Fusarium Ear Rot and Fumonisin Contamination Resistance in Two Maize Populations. *Crop Science*, **2006**, 46, 1734-1743	2.4	101
39	Indirect competitive immunoassay for detection of aflatoxin B1 in corn and nut products using the array biosensor. *Biosensors and Bioelectronics*, **2006**, 21, 2298-305	11.8	97
38	Evaluation of Food-Grade Dent Corn Hybrids for Severity of Fusarium Ear Rot and Fumonisin Accumulation in Grain. *Plant Disease*, **2005**, 89, 291-297	1.5	24
37	Detection of zearalenone and related metabolites by fluorescence polarization immunoassay. *Journal of Food Protection*, **2004**, 67, 1039-43	2.5	57
36	Detection of moniliformin in maize using capillary zone electrophoresis. *Food Additives and Contaminants*, **2004**, 21, 803-10		13
35	Emerging Technologies for Mycotoxin Detection. *Toxin Reviews*, **2004**, 23, 317-344		43
34	Liquid chromatographic determination of fumonisins B1, B2, and B3 in corn silage. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 196-200	5.7	28

33	Sources of resistance to fumonisin accumulation in grain and fusarium ear and kernel rot of corn. *Phytopathology*, **2004**, 94, 251-60	3.8	80
32	Evaluation of Inoculation Techniques for Fusarium Ear Rot and Fumonisin Contamination of Corn. *Plant Disease*, **2003**, 87, 147-153	1.5	69
31	Determination of Deoxynivalenol and Nivalenol in Corn and Wheat by Liquid Chromatography with Electrospray Mass Spectrometry. *Journal of AOAC INTERNATIONAL*, **2003**, 86, 61-65	1.7	31
30	Influence of Cry1Ab Protein and Hybrid Genotype on Fumonisin Contamination and Fusarium Ear Rot of Corn. *Crop Science*, **2003**, 43, 1283-1293	2.4	66
29	Fluorescence polarization as a tool for the determination of deoxynivalenol in wheat. *Food Additives and Contaminants*, **2002**, 19, 400-7		34
28	Rapid fluorescence polarization immunoassay for the mycotoxin deoxynivalenol in wheat. *Journal of Agricultural and Food Chemistry*, **2002**, 50, 1827-32	5.7	84
27	Fluorescence polarization as a means for determination of fumonisins in maize. *Journal of Agricultural and Food Chemistry*, **2001**, 49, 596-602	5.7	71
26	Joint Mycotoxin Committee. *Journal of AOAC INTERNATIONAL*, **2001**, 84, 303-308	1.7	3
25	Monoclonal Antibodies for the Mycotoxins Deoxynivalenol and 3-Acetyl-Deoxynivalenol. *Food and Agricultural Immunology*, **2000**, 12, 181-192	2.9	66
24	Joint Mycotoxin Committee. *Journal of AOAC INTERNATIONAL*, **2000**, 83, 536-542	1.7	6
23	Fusarium species from nepalese rice and production of mycotoxins and gibberellic acid by selected species. *Applied and Environmental Microbiology*, **2000**, 66, 1020-5	4.8	150
22	Occurrence of Fusarium species and mycotoxins in nepalese maize and wheat and the effect of traditional processing methods on mycotoxin levels. *Journal of Agricultural and Food Chemistry*, **2000**, 48, 1377-83	5.7	108
21	Fellows Committee. *Journal of AOAC INTERNATIONAL*, **1999**, 82, 550-550	1.7	
20	Fiber-optic immunosensor for mycotoxins. *Natural Toxins*, **1999**, 7, 371-6		50
19	Capillary Electrophoresis with Laser-Induced Fluorescence:Method for the Mycotoxin Ochratoxin A. *Journal of Agricultural and Food Chemistry*, **1998**, 46, 3162-3165	5.7	49
18	Detection of the mycotoxin fumonisin B1 by a combination of immunofluorescence and capillary electrophoresis. *Food and Agricultural Immunology*, **1997**, 9, 147-157	2.9	22
17	Affinity column clean-up for the analysis of fumonisins and their hydrolysis products in corn. *Food and Agricultural Immunology*, **1997**, 9, 3-12	2.9	23
16	Analysis of Aflatoxin B1 in Corn Using Capillary Electrophoresis with Laser-Induced Fluorescence Detection. *Journal of Agricultural and Food Chemistry*, **1997**, 45, 4337-4341	5.7	39

15	Fiber-Optic Immunosensor for the Detection of Fumonisin B1. *Journal of Agricultural and Food Chemistry*, **1996**, 44, 1041-1046	5.7	49
14	Monoclonal Antibody-Based Competitive Enzyme-Linked Immunosorbent Assays for the Hydrolysis Product of Fumonisin B1 (HFB1). *ACS Symposium Series*, **1996**, 349-357	0.4	2
13	Absence of detectable fumonisins in the milk of cows fed Fusarium proliferatum (Matsushima) Nirenberg culture material. *Mycopathologia*, **1996**, 133, 123-6	2.9	48
12	Determination of hydrolysed fumonisin B1 (HFB1) in corn by competitive direct enzyme-linked immunosorbent assay. *Food Additives and Contaminants*, **1996**, 13, 105-13		13
11	Production and characterization of anti-idiotype and anti-anti-idiotype antibodies against fumonisin B1. *Journal of Agricultural and Food Chemistry*, **1995**, 43, 261-267	5.7	31
10	Capillary Zone Electrophoresis and HPLC for the Analysis of Fluorescein Isothiocyanate-Labeled Fumonisin B1. *Journal of Agricultural and Food Chemistry*, **1995**, 43, 390-394	5.7	33
9	Mutagenicity of glyceryl trinitrate (nitroglycerin) in Salmonella typhimurium. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1993**, 298, 187-95		29
8	Mechanism of vascular relaxation induced by the nitric oxide (NO)/nucleophile complexes, a new class of NO-based vasodilators. *Journal of Cardiovascular Pharmacology*, **1993**, 21, 670-6	3.1	69
7	Nitric oxide/nucleophile complexes inhibit the in vitro proliferation of A375 melanoma cells via nitric oxide release. *Cancer Research*, **1993**, 53, 564-8	10.1	100
6	DNA deaminating ability and genotoxicity of nitric oxide and its progenitors. *Science*, **1991**, 254, 1001-3	33.3	1098
5	Gastric nitrate reduction and nitrosation of trimethylurea in swine treated with pentagastrin or cimetidine. *Carcinogenesis*, **1991**, 12, 141-3	4.6	2
4	Complexes of .NO with nucleophiles as agents for the controlled biological release of nitric oxide. Vasorelaxant effects. *Journal of Medicinal Chemistry*, **1991**, 34, 3242-7	8.3	674
3	Quantitative estimates of N-nitrosotrimethylurea formation in the porcine stomach. *Carcinogenesis*, **1990**, 11, 1587-91	4.6	6
2	A two stage cannula for gastric fistulation of swine. *Laboratory Animal Science*, **1990**, 40, 217-9		
1	Application of Ambient Ionization Mass Spectrometry to Detect the Mycotoxin Roquefortine C in Blue Cheese. *Food Analytical Methods*,1	3.4	0