Franz Berthiller

List of Publications by Year
in descending order

150 papers	11,239 citations	28274 55 h-index	30922 102 g-index
156 all docs	156 docs citations	156 times ranked	6165 citing authors

#	Article	IF	Citations
1	The acyltransferase PMAT1 malonylates brassinolide glucoside. Journal of Biological Chemistry, 2021, 296, 100424.	3.4	4
2	Identification and Functional Characterization of the Gene Cluster Responsible for Fusaproliferin Biosynthesis in Fusarium proliferatum. Toxins, 2021, 13, 468.	3.4	8
3	Development and Validation of an LC-MS/MS Based Method for the Determination of Deoxynivalenol and Its Modified Forms in Maize. Toxins, 2021, 13, 600.	3.4	11
4	Adapting an Ergosterol Extraction Method with Marine Yeasts for the Quantification of Oceanic Fungal Biomass. Journal of Fungi (Basel, Switzerland), 2021, 7, 690.	3.5	8
5	Novel analytical methods to study the fate of mycotoxins during thermal food processing. Analytical and Bioanalytical Chemistry, 2020, 412, 9-16.	3.7	41
6	Effect of Temperature, Water Activity and Carbon Dioxide on Fungal Growth and Mycotoxin Production of Acclimatised Isolates of Fusarium verticillioides and F. graminearum. Toxins, 2020, 12, 478.	3.4	47
7	The BAHD Acyltransferase BIA1 Uses Acetyl-CoA for Catabolic Inactivation of Brassinosteroids. Plant Physiology, 2020, 184, 23-26.	4.8	5
8	Zearalenone and ÃŸ-Zearalenol But Not Their Glucosides Inhibit Heat Shock Protein 90 ATPase Activity. Frontiers in Pharmacology, 2019, 10, 1160.	3.5	5
9	Determination of aflatoxin biomarkers in excreta and ileal content of chickens. Poultry Science, 2019, 98, 5551-5561.	3.4	9
10	The Influence of Processing Parameters on the Mitigation of Deoxynivalenol during Industrial Baking. Toxins, 2019, 11, 317.	3.4	23
11	The Fusarium metabolite culmorin suppresses the in vitro glucuronidation of deoxynivalenol. Archives of Toxicology, 2019, 93, 1729-1743.	4.2	30
12	Metabolism of nivalenol and nivalenol-3-glucoside in rats. Toxicology Letters, 2019, 306, 43-52.	0.8	9
13	Cross-reactivity of commercial and non-commercial deoxynivalenol-antibodies to emerging trichothecenes and common deoxynivalenol-derivatives. World Mycotoxin Journal, 2019, 12, 45-53.	1.4	10
14	Deoxynivalenol-3-sulphate is the major metabolite of dietary deoxynivalenol in eggs of laying hens. World Mycotoxin Journal, 2019, 12, 245-255.	1.4	7
15	Untargeted LCâ€"MS based 13C labelling provides a full mass balance of deoxynivalenol and its degradation products formed during baking of crackers, biscuits and bread. Food Chemistry, 2019, 279, 303-311.	8.2	23
16	Chemical synthesis of culmorin metabolites and their biologic role in culmorin and acetyl-culmorin treated wheat cells. Organic and Biomolecular Chemistry, 2018, 16, 2043-2048.	2.8	18
17	Developments in mycotoxin analysis: an update for 2016-2017. World Mycotoxin Journal, 2018, 11, 5-32.	1.4	57
18	Less-toxic rearrangement products of NX-toxins are formed during storage and food processing. Toxicology Letters, 2018, 284, 205-212.	0.8	18

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19	The contribution of lot-to-lot variation to the measurement uncertainty of an LC-MS-based multi-mycotoxin assay. Analytical and Bioanalytical Chemistry, 2018, 410, 4409-4418.	3.7	28
20	Application of biomarker methods to investigate FUMzyme mediated gastrointestinal hydrolysis of fumonisins in pigs. World Mycotoxin Journal, 2018, 11, 201-214.	1.4	16
21	UDP-Glucosyltransferases from Rice, Brachypodium, and Barley: Substrate Specificities and Synthesis of Type A and B Trichothecene-3-O-Î²-d-glucosides. Toxins, 2018, 10, 111.	3.4	35
22	In vivo contribution of deoxynivalenol-3-Î²-d-glucoside to deoxynivalenol exposure in broiler chickens and pigs: oral bioavailability, hydrolysis and toxicokinetics. Archives of Toxicology, 2017, 91, 699-712.	4.2	75
23	Formulation and processing factors affecting trichothecene mycotoxins within industrial biscuit-making. Food Chemistry, 2017, 229, 597-603.	8.2	30
24	A barley UDP-glucosyltransferase inactivates nivalenol and provides Fusarium Head Blight resistance in transgenic wheat. Journal of Experimental Botany, 2017, 68, 2187-2197.	4.8	74
25	Developments in mycotoxin analysis: an update for 2015-2016. World Mycotoxin Journal, 2017, 10, 5-29.	1.4	69
26	Determinants and Expansion of Specificity in a Trichothecene UDP-Glucosyltransferase from <i>Oryza sativa</i>. Biochemistry, 2017, 56, 6585-6596.	2.5	30
27	Glucuronidation of deoxynivalenol (DON) by different animal species: identification of iso-DON glucuronides and iso-deepoxy-DON glucuronides as novel DON metabolites in pigs, rats, mice, and cows. Archives of Toxicology, 2017, 91, 3857-3872.	4.2	34
28	Emerging Mycotoxins: Beyond Traditionally Determined Food Contaminants. Journal of Agricultural and Food Chemistry, 2017, 65, 7052-7070.	5.2	259
29	Mycotoxin testing: From Multi-toxin analysis to metabolomics. Mycotoxins, 2017, 67, 11-16.	0.2	13
30	Metabolism of Zearalenone and Its Major Modified Forms in Pigs. Toxins, 2017, 9, 56.	3.4	121
31	Sex Is a Determinant for Deoxynivalenol Metabolism and Elimination in the Mouse. Toxins, 2017, 9, 240.	3.4	22
32	Mycotoxin profiling of 1000 beer samples with a special focus on craft beer. PLoS ONE, 2017, 12, e0185887.	2.5	75
33	Synthesis of Mono- and Di-Glucosides of Zearalenone and Î±-/Î²-Zearalenol by Recombinant Barley Glucosyltransferase HvUGT14077. Toxins, 2017, 9, 58.	3.4	24
34	Identification and Characterization of Carboxylesterases from Brachypodium distachyon Deacetylating Trichothecene Mycotoxins. Toxins, 2016, 8, 6.	3.4	17
35	Pentahydroxyscirpeneâ€"Producing Strains, Formation In Planta, and Natural Occurrence. Toxins, 2016, 8, 295.	3.4	1
36	Metabolism of HT-2 Toxin and T-2 Toxin in Oats. Toxins, 2016, 8, 364.	3.4	31

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37	Crystal Structure of Os79 (Os04g0206600) from <i>Oryza sativa</i>: A UDP-glucosyltransferase Involved in the Detoxification of Deoxynivalenol. Biochemistry, 2016, 55, 6175-6186.	2.5	49
38	Impact of food processing and detoxification treatments on mycotoxin contamination. Mycotoxin Research, 2016, 32, 179-205.	2.3	462
39	Study on the uptake and deglycosylation of the masked forms of zearalenone in human intestinal Caco-2 cells. Food and Chemical Toxicology, 2016, 98, 232-239.	3.6	29
40	Safe food and feed through an integrated toolbox for mycotoxin management: the MyToolBox approach. World Mycotoxin Journal, 2016, 9, 487-495.	1.4	34
41	Urinary deoxynivalenol (DON) and zearalenone (ZEA) as biomarkers of DON and ZEA exposure of pigs. Mycotoxin Research, 2016, 32, 69-75.	2.3	15
42	Comparative inÂvitro cytotoxicity of modified deoxynivalenol on porcine intestinal epithelial cells. Food and Chemical Toxicology, 2016, 95, 103-109.	3.6	55
43	Intestinal toxicity of the masked mycotoxin deoxynivalenol-3-Î²-d-glucoside. Archives of Toxicology, 2016, 90, 2037-2046.	4.2	95
44	New tricks of an old enemy: isolates of <scp><i>F</i></scp><i>usarium graminearum</i> produce a type <scp>A</scp> trichothecene mycotoxin. Environmental Microbiology, 2015, 17, 2588-2600.	3.8	145
45	Transgenic Wheat Expressing a Barley UDP-Glucosyltransferase Detoxifies Deoxynivalenol and Provides High Levels of Resistance to <i>Fusarium graminearum</i>. Molecular Plant-Microbe Interactions, 2015, 28, 1237-1246.	2.6	120
46	Characterisation and determination of metabolites formed by microbial and enzymatic degradation of ergot alkaloids. World Mycotoxin Journal, 2015, 8, 393-404.	1.4	6
47	Occurrence of Fusarium head blight and mycotoxins as well as morphological identification of<i>Fusarium</i>species in winter wheat in Kosovo. Cereal Research Communications, 2015, 43, 438-448.	1.6	3
48	Biochemical Characterization of a Recombinant UDP-glucosyltransferase from Rice and Enzymatic Production of Deoxynivalenol-3-O-Î²-D-glucoside. Toxins, 2015, 7, 2685-2700.	3.4	40
49	Deoxynivalenol & Deoxynivalenol-3-Glucoside Mitigation through Bakery Production Strategies: Effective Experimental Design within Industrial Rusk-Making Technology. Toxins, 2015, 7, 2773-2790.	3.4	33
50	The Metabolic Fate of Deoxynivalenol and Its Acetylated Derivatives in a Wheat Suspension Culture: Identification and Detection of DON-15-O-Glucoside, 15-Acetyl-DON-3-O-Glucoside and 15-Acetyl-DON-3-Sulfate. Toxins, 2015, 7, 3112-3126.	3.4	30
51	Metabolism of Deoxynivalenol and Deepoxy-Deoxynivalenol in Broiler Chickens, Pullets, Roosters and Turkeys. Toxins, 2015, 7, 4706-4729.	3.4	51
52	A Versatile Family 3 Glycoside Hydrolase from Bifidobacterium adolescentis Hydrolyzes Î²-Glucosides of the Fusarium Mycotoxins Deoxynivalenol, Nivalenol, and HT-2 Toxin in Cereal Matrices. Applied and Environmental Microbiology, 2015, 81, 4885-4893.	3.1	26
53	Simultaneous determination of major type A and B trichothecenes, zearalenone and certain modified metabolites in Finnish cereal grains with a novel liquid chromatography-tandem mass spectrometric method. Analytical and Bioanalytical Chemistry, 2015, 407, 4745-4755.	3.7	133
54	Hydrolysed fumonisin B1andN-(deoxy-D-fructos-1-yl)-fumonisin B1: stability and catabolic fate under simulated human gastrointestinal conditions. International Journal of Food Sciences and Nutrition, 2015, 66, 98-103.	2.8	17

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55	Critical evaluation of indirect methods for the determination of deoxynivalenol and its conjugated forms in cereals. Analytical and Bioanalytical Chemistry, 2015, 407, 6009-6020.	3.7	20
56	Biotransformation of the Mycotoxin Deoxynivalenol in Fusarium Resistant and Susceptible Near Isogenic Wheat Lines. PLoS ONE, 2015, 10, e0119656.	2.5	93
57	Prevalence and effects of mycotoxins on poultry health and performance, and recent development in mycotoxin counteracting strategies. Poultry Science, 2015, 94, 1298-1315.	3.4	150
58	Aerobic and anaerobic<i>in vitro</i>testing of feed additives claiming to detoxify deoxynivalenol and zearalenone. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 922-933.	2.3	21
59	Developments in mycotoxin analysis: an update for 2013-2014. World Mycotoxin Journal, 2015, 8, 5-35.	1.4	38
60	Determination of the Mycotoxin Content in Distillerâ€™s Dried Grain with Solubles Using a Multianalyte UHPLCâ€“MS/MS Method. Journal of Agricultural and Food Chemistry, 2015, 63, 9441-9451.	5.2	36
61	Metabolism of the Fusarium Mycotoxins T-2 Toxin and HT-2 Toxin in Wheat. Journal of Agricultural and Food Chemistry, 2015, 63, 7862-7872.	5.2	78
62	Tracing the metabolism of HT-2 toxin and T-2 toxin in barley by isotope-assisted untargeted screening and quantitative LC-HRMS analysis. Analytical and Bioanalytical Chemistry, 2015, 407, 8019-8033.	3.7	56
63	Effects of orally administered fumonisin B1 (FB1), partially hydrolysed FB1, hydrolysed FB1 and N-(1-deoxy-D-fructos-1-yl) FB1 on the sphingolipid metabolism in rats. Food and Chemical Toxicology, 2015, 76, 11-18.	3.6	66
64	Chapter 1. Introduction to Masked Mycotoxins. Issues in Toxicology, 2015, , 1-13.	0.1	8
65	Chapter 9. Concluding Remarks. Issues in Toxicology, 2015, , 189-193.	0.1	0
66	Chapter 7. Animal Models for Masked Mycotoxin Studies. Issues in Toxicology, 2015, , 137-157.	0.1	0
67	Analytical strategies for the determination of deoxynivalenol and its modified forms in beer: A mini review.. KvasnÃ½ PrÅ¯mysl, 2015, 61, 46-50.	0.2	0
68	Determination of deoxynivalenol sulphonates in cereal samples: method development, validation and application. World Mycotoxin Journal, 2014, 7, 233-245.	1.4	12
69	Deoxynivalenol (DON) sulfonates as major DON metabolites in rats: from identification to biomarker method development, validation and application. Analytical and Bioanalytical Chemistry, 2014, 406, 7911-7924.	3.7	33
70	Methylthiodeoxynivalenol (MTD): insight into the chemistry, structure and toxicity of thia-Michael adducts of trichothecenes. Organic and Biomolecular Chemistry, 2014, 12, 5144.	2.8	20
71	Effects of oral exposure to naturally-occurring and synthetic deoxynivalenol congeners on proinflammatory cytokine and chemokine mRNA expression in the mouse. Toxicology and Applied Pharmacology, 2014, 278, 107-115.	2.8	44
72	Isolation and Structure Elucidation of Pentahydroxyscirpene, a Trichothecene Fusarium Mycotoxin. Journal of Natural Products, 2014, 77, 188-192.	3.0	10

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73	Optimization and validation of a quantitative liquid chromatographyâ€“tandem mass spectrometric method covering 295 bacterial and fungal metabolites including all regulated mycotoxins in four model food matrices. Journal of Chromatography A, 2014, 1362, 145-156.	3.7	373
74	Comparison of Anorectic and Emetic Potencies of Deoxynivalenol (Vomitoxin) to the Plant Metabolite Deoxynivalenol-3-Glucoside and Synthetic Deoxynivalenol Derivatives EN139528 and EN139544. Toxicological Sciences, 2014, 142, 167-181.	3.1	38
75	Zearalenone-16-<i>O</i>-glucoside: A New Masked Mycotoxin. Journal of Agricultural and Food Chemistry, 2014, 62, 1181-1189.	5.2	81
76	Metabolism of the masked mycotoxin deoxynivalenol-3-glucoside in pigs. Toxicology Letters, 2014, 229, 190-197.	0.8	140
77	Determination of nivalenol in food and feed: an update. World Mycotoxin Journal, 2014, 7, 247-255.	1.4	5
78	Bikinin-like inhibitors targeting GSK3/Shaggy-like kinases: characterisation of novel compounds and elucidation of their catabolism in planta. BMC Plant Biology, 2014, 14, 172.	3.6	15
79	Proposal of a comprehensive definition of modified and other forms of mycotoxins including â€œmaskedâ€•mycotoxins. Mycotoxin Research, 2014, 30, 197-205.	2.3	268
80	Developments in mycotoxin analysis: an update for 2012-2013. World Mycotoxin Journal, 2014, 7, 3-33.	1.4	74
81	Determination of T-2 and HT-2 toxins in food and feed: an update. World Mycotoxin Journal, 2014, 7, 131-142.	1.4	41
82	Individual and combined roles of malonichrome, ferricrocin, and TAFC siderophores in Fusarium graminearum pathogenic and sexual development. Frontiers in Microbiology, 2014, 5, 759.	3.5	60
83	The Fusarium graminearum Genome Reveals More Secondary Metabolite Gene Clusters and Hints of Horizontal Gene Transfer. PLoS ONE, 2014, 9, e110311.	2.5	124
84	Colour-encoded paramagnetic microbead-based direct inhibition triplex flow cytometric immunoassay for ochratoxin A, fumonisins and zearalenone in cereals and cereal-based feed. Analytical and Bioanalytical Chemistry, 2013, 405, 7783-7794.	3.7	32
85	Stable isotopic labelling-assisted untargeted metabolic profiling reveals novel conjugates of the mycotoxin deoxynivalenol in wheat. Analytical and Bioanalytical Chemistry, 2013, 405, 5031-5036.	3.7	102
86	Survey of deoxynivalenol and its conjugates deoxynivalenol-3-glucoside and 3-acetyl-deoxynivalenol in 374 beer samples. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 137-146.	2.3	91
87	Characterization of Three Deoxynivalenol Sulfonates Formed by Reaction of Deoxynivalenol with Sulfur Reagents. Journal of Agricultural and Food Chemistry, 2013, 61, 8941-8948.	5.2	39
88	Simultaneous preparation of Î±/Î²-zearalenol glucosides and glucuronides. Carbohydrate Research, 2013, 373, 59-63.	2.3	22
89	New insights into the human metabolism of the Fusarium mycotoxins deoxynivalenol and zearalenone. Toxicology Letters, 2013, 220, 88-94.	0.8	165
90	Investigations on<i>Fusarium</i>spp. and their mycotoxins causing Fusarium ear rot of maize in Kosovo. Food Additives and Contaminants: Part B Surveillance, 2013, 6, 237-243.	2.8	14

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91	Transcriptomic characterization of two major <i><scp>F</scp>usarium</i> resistance quantitative trait loci (<scp>QTL</scp>s), <i><scp>F</scp>hb1</i> and <i><scp>Q</scp>fhs.ifaâ€‹<scp>5A</scp></i>, identifies novel candidate genes. Molecular Plant Pathology, 2013, 14, 772-785.	4.2	132
92	Masked mycotoxins: A review. Molecular Nutrition and Food Research, 2013, 57, 165-186.	3.3	633
93	Development and validation of a (semi-)quantitative UHPLC-MS/MS method for the determination of 191 mycotoxins and other fungal metabolites in almonds, hazelnuts, peanuts and pistachios. Analytical and Bioanalytical Chemistry, 2013, 405, 5087-5104.	3.7	137
94	Functional Characterization of Two Clusters of <i>Brachypodium distachyon</i> UDP-Glycosyltransferases Encoding Putative Deoxynivalenol Detoxification Genes. Molecular Plant-Microbe Interactions, 2013, 26, 781-792.	2.6	85
95	Sulfation of Î²-resorcylic acid estersâ€"first synthesis of zearalenone-14-sulfate. Tetrahedron Letters, 2013, 54, 3290-3293.	1.4	15
96	Gentiobiosylation of Î²-Resorcylic Acid Esters and Lactones: First Synthesis and Characterization of Zearalenone-14-Î²,d-Gentiobioside. Synlett, 2013, 24, 1830-1834.	1.8	5
97	Transgenic Arabidopsis thaliana expressing a barley UDP-glucosyltransferase exhibit resistance to the mycotoxin deoxynivalenol. Journal of Experimental Botany, 2012, 63, 4731-4740.	4.8	92
98	MetExtract: a new software tool for the automated comprehensive extraction of metabolite-derived LC/MS signals in metabolomics research. Bioinformatics, 2012, 28, 736-738.	4.1	68
99	Synthesis of deoxynivalenol-3-ÃŸ-D-O-glucuronide for its use as biomarker for dietary deoxynivalenol exposure. World Mycotoxin Journal, 2012, 5, 127-132.	1.4	37
100	Fusarium species, zearalenone and deoxynivalenol content in preharvest scabby wheat heads from Poland. World Mycotoxin Journal, 2012, 5, 133-141.	1.4	30
101	Development, validation and application of an LC-MS/MS based method for the determination of deoxynivalenol and its conjugates in different types of beer. World Mycotoxin Journal, 2012, 5, 261-270.	1.4	24
102	Assessment of human deoxynivalenol exposure using an LCâ€"MS/MS based biomarker method. Toxicology Letters, 2012, 211, 85-90.	0.8	145
103	Metabolism of the masked mycotoxin deoxynivalenol-3-glucoside in rats. Toxicology Letters, 2012, 213, 367-373.	0.8	146
104	Co-occurrence and statistical correlations between mycotoxins in feedstuffs collected in the Asiaâ€"Oceania in 2010. Animal Feed Science and Technology, 2012, 178, 190-197.	2.2	40
105	Fast and reproducible chemical synthesis of zearalenone-14-Î²,D-glucuronide. World Mycotoxin Journal, 2012, 5, 289-296.	1.4	28
106	Development and validation of a rapid multiâ€biomarker liquid chromatography/tandem mass spectrometry method to assess human exposure to mycotoxins. Rapid Communications in Mass Spectrometry, 2012, 26, 1533-1540.	1.5	121
107	Developments in mycotoxin analysis: an update for 2010-2011. World Mycotoxin Journal, 2012, 5, 3-30.	1.4	79
108	Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS. Analytical and Bioanalytical Chemistry, 2012, 402, 2675-2686.	3.7	112

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109	Isolation and Characterization of a New Less-Toxic Derivative of theFusariumMycotoxin Diacetoxyscirpenol after Thermal Treatment. Journal of Agricultural and Food Chemistry, 2011, 59, 9709-9714.	5.2	20
110	Hydrolytic fate of deoxynivalenol-3-glucoside during digestion. Toxicology Letters, 2011, 206, 264-267.	0.8	216
111	Cloning and heterologous expression of candidate DON-inactivating UDP-glucosyltranferases from rice and wheat in yeast. Plant Breeding and Seed Science, 2011, 64, .	0.1	2
112	Developments in mycotoxin analysis: an update for 2009-2010. World Mycotoxin Journal, 2011, 4, 3-28.	1.4	44
113	Direct quantification of deoxynivalenol glucuronide in human urine as biomarker of exposure to the Fusarium mycotoxin deoxynivalenol. Analytical and Bioanalytical Chemistry, 2011, 401, 195-200.	3.7	57
114	Overexpression of the UGT73C6 alters brassinosteroid glucoside formation in Arabidopsis thaliana. BMC Plant Biology, 2011, 11, 51.	3.6	93
115	Validation of a Candidate Deoxynivalenol-Inactivating UDP-Glucosyltransferase from Barley by Heterologous Expression in Yeast. Molecular Plant-Microbe Interactions, 2010, 23, 977-986.	2.6	126
116	Developments in mycotoxin analysis: an update for 2008-2009. World Mycotoxin Journal, 2010, 3, 3-23.	1.4	39
117	Update on analytical methods for toxic pyrrolizidine alkaloids. Analytical and Bioanalytical Chemistry, 2010, 396, 327-338.	3.7	89
118	Foreword. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 575-575.	2.3	5
119	Transcriptome Analysis of the Barleyâ€“Deoxynivalenol Interaction: Evidence for a Role of Glutathione in Deoxynivalenol Detoxification. Molecular Plant-Microbe Interactions, 2010, 23, 962-976.	2.6	140
120	Simultaneous determination of deoxynivalenol, zearalenone, and their major masked metabolites in cereal-based food by LCâ€“MSâ€“MS. Analytical and Bioanalytical Chemistry, 2009, 395, 1347-1354.	3.7	129
121	Formation, determination and significance of masked and other conjugated mycotoxins. Analytical and Bioanalytical Chemistry, 2009, 395, 1243-1252.	3.7	192
122	Difficulties in fumonisin determination: the issue of hidden fumonisins. Analytical and Bioanalytical Chemistry, 2009, 395, 1335-1345.	3.7	107
123	A reference-gene-based quantitative PCR method as a tool to determine Fusarium resistance in wheat. Analytical and Bioanalytical Chemistry, 2009, 395, 1385-1394.	3.7	29
124	Developments in mycotoxin analysis: an update for 2007-2008. World Mycotoxin Journal, 2009, 2, 3-21.	1.4	25
125	Loss of Pyrrolizidine Alkaloids on Decomposition of Ragwort (<i>Senecio jacobaea</i>) as Measured by LC-TOF-MS. Journal of Agricultural and Food Chemistry, 2009, 57, 3669-3673.	5.2	35
126	Occurrence of Deoxynivalenol and Its Major Conjugate, Deoxynivalenol-3-Glucoside, in Beer and Some Brewing Intermediates. Journal of Agricultural and Food Chemistry, 2009, 57, 3187-3194.	5.2	150

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127	Concentrations of Some Metabolites Produced by Fungi of the Genus <i>Fusarium</i> and Selected Elements in Spring Spelt Grain. Cereal Chemistry, 2009, 86, 52-60.	2.2	10
128	Investigations on the ability of<i>Fhb1</i>to protect wheat against nivalenol and deoxynivalenol. Cereal Research Communications, 2008, 36, 429-435.	1.6	18
129	Fusarium toxins and total fungal biomass indicators in naturally contaminated wheat samples from north-eastern Poland in 2003. Food Additives and Contaminants, 2007, 24, 1292-1298.	2.0	31
130	Chromatographic methods for the simultaneous determination of mycotoxins and their conjugates in cereals. International Journal of Food Microbiology, 2007, 119, 33-37.	4.7	131
131	Short review: Metabolism of theFusarium mycotoxins deoxynivalenol and zearalenone in plants. Mycotoxin Research, 2007, 23, 68-72.	2.3	31
132	Production of zearalenone-4-glucoside, a-zearalenol-4-glucoside and ÃŸ-zearalenol-4-glucoside. Mycotoxin Research, 2007, 23, 180-184.	2.3	10
133	Characterization of (13C24) T-2 toxin and its use as an internal standard for the quantification of T-2 toxin in cereals with HPLCâ€“MS/MS. Analytical and Bioanalytical Chemistry, 2007, 389, 931-940.	3.7	33
134	Liquid chromatography coupled to tandem mass spectrometry (LC-MS/MS) determination of phase II metabolites of the mycotoxin zearalenone in the model plantArabidopsis thaliana. Food Additives and Contaminants, 2006, 23, 1194-1200.	2.0	98
135	Development and validation of a liquid chromatography/tandem mass spectrometric method for the determination of 39 mycotoxins in wheat and maize. Rapid Communications in Mass Spectrometry, 2006, 20, 2649-2659.	1.5	615
136	Suitability of a fully 13C isotope labeled internal standard for the determination of the mycotoxin deoxynivalenol by LC-MS/MS without clean up. Analytical and Bioanalytical Chemistry, 2006, 384, 692-696.	3.7	63
137	Characterization and application of isotope-substituted (13C15)-deoxynivalenol (DON) as an internal standard for the determination of DON. Food Additives and Contaminants, 2006, 23, 1187-1193.	2.0	19
138	Heterologous Expression of Arabidopsis UDP-Glucosyltransferases in Saccharomyces cerevisiae for Production of Zearalenone-4-O-Glucoside. Applied and Environmental Microbiology, 2006, 72, 4404-4410.	3.1	74
139	Rapid simultaneous determination of major type A- and B-trichothecenes as well as zearalenone in maize by high performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2005, 1062, 209-216.	3.7	254
140	Advances in the analysis of mycotoxins and its quality assurance. Food Additives and Contaminants, 2005, 22, 345-353.	2.0	94
141	The Ability to Detoxify the Mycotoxin Deoxynivalenol Colocalizes With a Major Quantitative Trait Locus for Fusarium Head Blight Resistance in Wheat. Molecular Plant-Microbe Interactions, 2005, 18, 1318-1324.	2.6	362
142	Masked Mycotoxins:Â Determination of a Deoxynivalenol Glucoside in Artificially and Naturally Contaminated Wheat by Liquid Chromatographyâˆ’Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2005, 53, 3421-3425.	5.2	346
143	Incidence of trichothecenes and zearalenone in poultry feed mixtures from Slovakia. International Journal of Food Microbiology, 2005, 105, 19-25.	4.7	53
144	Processing and purity assessment of standards for the analysis of type-B trichothecene mycotoxins. Analytical and Bioanalytical Chemistry, 2005, 382, 1848-1858.	3.7	22

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145	First results of GEN-AU: Cloning of Deoxynivalenol- and Zearalenone-inactivating UDP-glucosyltransferase genes fromArabidopsis thaliana and expression in yeast for production of mycotoxin-glucosides. Mycotoxin Research, 2005, 21, 108-111.	2.3	2
146	DON-glycosides: Characterisation of synthesis products and screening for their occurrence in DON-treated wheat samples. Mycotoxin Research, 2005, 21, 123-127.	2.3	20
147	Simultaneous determination of type A-& B-trichothecenes and zearalenone in cereals by High Performance Liquid Chromatography â€" Tandem Mass Spectrometry. Mycotoxin Research, 2005, 21, 237-240.	2.3	3
148	Performance of new clean-up column for the determination of ochratoxin A in cereals and foodstuffs by HPLC-FLD. Food Additives and Contaminants, 2004, 21, 1107-1114.	2.0	21
149	Synthesis of deoxynivalenol-glucosides and their characterization using a QTrap LC-MS/MS. Mycotoxin Research, 2003, 19, 47-50.	2.3	18
150	Detoxification of the Fusarium Mycotoxin Deoxynivalenol by a UDP-glucosyltransferase from Arabidopsis thaliana. Journal of Biological Chemistry, 2003, 278, 47905-47914.	3.4	472