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	Masked mycotoxins: A review. Molecular Nutrition and Food Research, 2013, 57, 165-186.	3.3	633
2	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
3	Detoxification of the Fusarium Mycotoxin Deoxynivalenol by a UDP-glucosyltransferase from Arabidopsis thaliana. Journal of Biological Chemistry, 2003, 278, 47905-47914.	3.4	472
4	Impact of food processing and detoxification treatments on mycotoxin contamination. Mycotoxin Research, 2016, 32, 179-205.	2.3	462
5	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
6	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
7	Masked Mycotoxins:Â Determination of a Deoxynivalenol Glucoside in Artificially and Naturally Contaminated Wheat by Liquid Chromatographyâ^'Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2005, 53, 3421-3425.	5.2	346
8	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
9	Emerging Mycotoxins: Beyond Traditionally Determined Food Contaminants. Journal of Agricultural and Food Chemistry, 2017, 65, 7052-7070.	5.2	259
10	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
11	Hydrolytic fate of deoxynivalenol-3-glucoside during digestion. Toxicology Letters, 2011, 206, 264-267.	0.8	216
12	Formation, determination and significance of masked and other conjugated mycotoxins. Analytical and Bioanalytical Chemistry, 2009, 395, 1243-1252.	3.7	192
13	New insights into the human metabolism of the Fusarium mycotoxins deoxynivalenol and zearalenone. Toxicology Letters, 2013, 220, 88-94.	0.8	165
14	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
15	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
16	Metabolism of the masked mycotoxin deoxynivalenol-3-glucoside in rats. Toxicology Letters, 2012, 213, 367-373.	0.8	146
17	Assessment of human deoxynivalenol exposure using an LCâ€"MS/MS based biomarker method. Toxicology Letters, 2012, 211, 85-90.	0.8	145
18	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

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19	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
20	Metabolism of the masked mycotoxin deoxynivalenol-3-glucoside in pigs. Toxicology Letters, 2014, 229, 190-197.	0.8	140
21	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
22	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
23	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
24	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
25	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
26	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
27	The Fusarium graminearum Genome Reveals More Secondary Metabolite Gene Clusters and Hints of Horizontal Gene Transfer. PLoS ONE, 2014, 9, e110311.	2.5	124
28	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
29	Metabolism of Zearalenone and Its Major Modified Forms in Pigs. Toxins, 2017, 9, 56.	3.4	121
30	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
31	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
32	Difficulties in fumonisin determination: the issue of hidden fumonisins. Analytical and Bioanalytical Chemistry, 2009, 395, 1335-1345.	3.7	107
33	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
34	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
35	Intestinal toxicity of the masked mycotoxin deoxynivalenol-3-Î²-d-glucoside. Archives of Toxicology, 2016, 90, 2037-2046.	4.2	95
36	Advances in the analysis of mycotoxins and its quality assurance. Food Additives and Contaminants, 2005, 22, 345-353.	2.0	94

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37	Overexpression of the UGT73C6 alters brassinosteroid glucoside formation in Arabidopsis thaliana. BMC Plant Biology, 2011, 11, 51.	3.6	93
38	Biotransformation of the Mycotoxin Deoxynivalenol in Fusarium Resistant and Susceptible Near Isogenic Wheat Lines. PLoS ONE, 2015, 10, e0119656.	2.5	93
39	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
40	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
41	Update on analytical methods for toxic pyrrolizidine alkaloids. Analytical and Bioanalytical Chemistry, 2010, 396, 327-338.	3.7	89
42	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
43	Zearalenone-16-<i>O</i>-glucoside: A New Masked Mycotoxin. Journal of Agricultural and Food Chemistry, 2014, 62, 1181-1189.	5.2	81
44	Developments in mycotoxin analysis: an update for 2010-2011. World Mycotoxin Journal, 2012, 5, 3-30.	1.4	79
45	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
46	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
47	Mycotoxin profiling of 1000 beer samples with a special focus on craft beer. PLoS ONE, 2017, 12, e0185887.	2.5	75
48	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
49	Developments in mycotoxin analysis: an update for 2012-2013. World Mycotoxin Journal, 2014, 7, 3-33.	1.4	74
50	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
51	Developments in mycotoxin analysis: an update for 2015-2016. World Mycotoxin Journal, 2017, 10, 5-29.	1.4	69
52	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
53	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
54	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

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55	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
56	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
57	Developments in mycotoxin analysis: an update for 2016-2017. World Mycotoxin Journal, 2018, 11, 5-32.	1.4	57
58	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
59	Comparative inÂvitro cytotoxicity of modified deoxynivalenol on porcine intestinal epithelial cells. Food and Chemical Toxicology, 2016, 95, 103-109.	3.6	55
60	Incidence of trichothecenes and zearalenone in poultry feed mixtures from Slovakia. International Journal of Food Microbiology, 2005, 105, 19-25.	4.7	53
61	Metabolism of Deoxynivalenol and Deepoxy-Deoxynivalenol in Broiler Chickens, Pullets, Roosters and Turkeys. Toxins, 2015, 7, 4706-4729.	3.4	51
62	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
63	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
64	Developments in mycotoxin analysis: an update for 2009-2010. World Mycotoxin Journal, 2011, 4, 3-28.	1.4	44
65	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
66	Determination of T-2 and HT-2 toxins in food and feed: an update. World Mycotoxin Journal, 2014, 7, 131-142.	1.4	41
67	Novel analytical methods to study the fate of mycotoxins during thermal food processing. Analytical and Bioanalytical Chemistry, 2020, 412, 9-16.	3.7	41
68	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
69	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
70	Developments in mycotoxin analysis: an update for 2008-2009. World Mycotoxin Journal, 2010, 3, 3-23.	1.4	39
71	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
72	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

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73	Developments in mycotoxin analysis: an update for 2013-2014. World Mycotoxin Journal, 2015, 8, 5-35.	1.4	38
74	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
75	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
76	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
77	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
78	Safe food and feed through an integrated toolbox for mycotoxin management: the MyToolBox approach. World Mycotoxin Journal, 2016, 9, 487-495.	1.4	34
79	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
80	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
81	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
82	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
83	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
84	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
85	Short review: Metabolism of theFusarium mycotoxins deoxynivalenol and zearalenone in plants. Mycotoxin Research, 2007, 23, 68-72.	2.3	31
86	Metabolism of HT-2 Toxin and T-2 Toxin in Oats. Toxins, 2016, 8, 364.	3.4	31
87	Fusarium species, zearalenone and deoxynivalenol content in preharvest scabby wheat heads from Poland. World Mycotoxin Journal, 2012, 5, 133-141.	1.4	30
88	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
89	Formulation and processing factors affecting trichothecene mycotoxins within industrial biscuit-making. Food Chemistry, 2017, 229, 597-603.	8.2	30
90	Determinants and Expansion of Specificity in a Trichothecene UDP-Glucosyltransferase from <i>Oryza sativa</i>. Biochemistry, 2017, 56, 6585-6596.	2.5	30

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91	The Fusarium metabolite culmorin suppresses the in vitro glucuronidation of deoxynivalenol. Archives of Toxicology, 2019, 93, 1729-1743.	4.2	30
92	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
93	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
94	Fast and reproducible chemical synthesis of zearalenone-14-Î²,D-glucuronide. World Mycotoxin Journal, 2012, 5, 289-296.	1.4	28
95	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
96	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
97	Developments in mycotoxin analysis: an update for 2007-2008. World Mycotoxin Journal, 2009, 2, 3-21.	1.4	25
98	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
99	Synthesis of Mono- and Di-Glucosides of Zearalenone and Î±-/Î²-Zearalenol by Recombinant Barley Glucosyltransferase HvUGT14077. Toxins, 2017, 9, 58.	3.4	24
100	The Influence of Processing Parameters on the Mitigation of Deoxynivalenol during Industrial Baking. Toxins, 2019, 11, 317.	3.4	23
101	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
102	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
103	Simultaneous preparation of Î±/Î²-zearalenol glucosides and glucuronides. Carbohydrate Research, 2013, 373, 59-63.	2.3	22
104	Sex Is a Determinant for Deoxynivalenol Metabolism and Elimination in the Mouse. Toxins, 2017, 9, 240.	3.4	22
105	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
106	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
107	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
108	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

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109	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
110	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
111	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
112	Synthesis of deoxynivalenol-glucosides and their characterization using a QTrap LC-MS/MS. Mycotoxin Research, 2003, 19, 47-50.	2.3	18
113	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
114	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
115	Less-toxic rearrangement products of NX-toxins are formed during storage and food processing. Toxicology Letters, 2018, 284, 205-212.	0.8	18
116	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
117	Identification and Characterization of Carboxylesterases from Brachypodium distachyon Deacetylating Trichothecene Mycotoxins. Toxins, 2016, 8, 6.	3.4	17
118	Application of biomarker methods to investigate FUMzyme mediated gastrointestinal hydrolysis of fumonisins in pigs. World Mycotoxin Journal, 2018, 11, 201-214.	1.4	16
119	Sulfation of Î²-resorcylic acid estersâ€”first synthesis of zearalenone-14-sulfate. Tetrahedron Letters, 2013, 54, 3290-3293.	1.4	15
120	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
121	Urinary deoxynivalenol (DON) and zearalenone (ZEA) as biomarkers of DON and ZEA exposure of pigs. Mycotoxin Research, 2016, 32, 69-75.	2.3	15
122	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
123	Mycotoxin testing: From Multi-toxin analysis to metabolomics. Mycotoxins, 2017, 67, 11-16.	0.2	13
124	Determination of deoxynivalenol sulphonates in cereal samples: method development, validation and application. World Mycotoxin Journal, 2014, 7, 233-245.	1.4	12
125	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
126	Production of zearalenone-4-glucoside, a-zearalenol-4-glucoside and ÃŸ-zearalenol-4-glucoside. Mycotoxin Research, 2007, 23, 180-184.	2.3	10

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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	Isolation and Structure Elucidation of Pentahydroxyscirpene, a Trichothecene Fusarium Mycotoxin. Journal of Natural Products, 2014, 77, 188-192.	3.0	10
129	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
130	Determination of aflatoxin biomarkers in excreta and ileal content of chickens. Poultry Science, 2019, 98, 5551-5561.	3.4	9
131	Metabolism of nivalenol and nivalenol-3-glucoside in rats. Toxicology Letters, 2019, 306, 43-52.	0.8	9
132	Identification and Functional Characterization of the Gene Cluster Responsible for Fusaproliferin Biosynthesis in Fusarium proliferatum. Toxins, 2021, 13, 468.	3.4	8
133	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
134	Chapter 1. Introduction to Masked Mycotoxins. Issues in Toxicology, 2015, , 1-13.	0.1	8
135	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
136	Characterisation and determination of metabolites formed by microbial and enzymatic degradation of ergot alkaloids. World Mycotoxin Journal, 2015, 8, 393-404.	1.4	6
137	Foreword. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 575-575.	2.3	5
138	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
139	Determination of nivalenol in food and feed: an update. World Mycotoxin Journal, 2014, 7, 247-255.	1.4	5
140	Zearalenone and ÃŸ-Zearalenol But Not Their Glucosides Inhibit Heat Shock Protein 90 ATPase Activity. Frontiers in Pharmacology, 2019, 10, 1160.	3.5	5
141	The BAHD Acyltransferase BIA1 Uses Acetyl-CoA for Catabolic Inactivation of Brassinosteroids. Plant Physiology, 2020, 184, 23-26.	4.8	5
142	The acyltransferase PMAT1 malonylates brassinolide glucoside. Journal of Biological Chemistry, 2021, 296, 100424.	3.4	4
143	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
144	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

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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	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
147	Pentahydroxyscirpeneâ€"Producing Strains, Formation In Planta, and Natural Occurrence. Toxins, 2016, 8, 295.	3.4	1
148	Chapter 9. Concluding Remarks. Issues in Toxicology, 2015, , 189-193.	0.1	0
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