Rudolf Krska

List of Publications by Year
in descending order

307 papers	17,187 citations	10389 72 h-index	20358 116 g-index
318 all docs	318 docs citations	318 times ranked	10339 citing authors

#	Article	IF	Citations
1	Two years study of <i>Aspergillus</i> metabolites prevalence in maize from the Republic of Serbia. Journal of Food Processing and Preservation, 2022, 46, e15897.	2.0	5
2	Mycotoxin-mixture assessment in mother-infant pairs in Nigeria: From mothers' meal to infantsâ€™ urine. Chemosphere, 2022, 287, 132226.	8.2	22
3	Mycotoxin exposure biomonitoring in breastfed and non-exclusively breastfed Nigerian children. Environment International, 2022, 158, 106996.	10.0	24
4	An Automatic Immunoaffinity Pretreatment of Deoxynivalenol Coupled with UPLC-UV Analysis. Toxins, 2022, 14, 93.	3.4	4
5	The application of antagonistic yeasts and bacteria: An assessment of in vivo and under field conditions pattern of Fusarium mycotoxins in winter wheat grain. Food Control, 2022, 138, 109039.	5.5	5
6	Interacting Environmental Stress Factors Affect Metabolomics Profiles in Stored Naturally Contaminated Maize. Microorganisms, 2022, 10, 853.	3.6	2
7	Effective approaches for early identification and proactive mitigation of aflatoxins in peanuts: An EUâ€“China perspective. Comprehensive Reviews in Food Science and Food Safety, 2022, 21, 3227-3243.	11.7	5
8	An Interlaboratory Comparison Study of Regulated and Emerging Mycotoxins Using Liquid Chromatography Mass Spectrometry: Challenges and Future Directions of Routine Multi-Mycotoxin Analysis including Emerging Mycotoxins. Toxins, 2022, 14, 405.	3.4	3
9	The Role of Nitrogen Fertilization on the Occurrence of Regulated, Modified and Emerging Mycotoxins and Fungal Metabolites in Maize Kernels. Toxins, 2022, 14, 448.	3.4	1
10	Fusarium langsethiae and mycotoxin contamination in oat grain differed with growth stage at inoculation. European Journal of Plant Pathology, 2022, 164, 59-78.	1.7	0
11	Fungal Species and Multi-Mycotoxin Associated with Post-Harvest Sorghum (Sorghum bicolor (L.)) Tj ETQq1 1 0.784314 rgBT /Overlo	3.4	12
12	Cocktails of Mycotoxins, Phytoestrogens, and Other Secondary Metabolites in Diets of Dairy Cows in Austria: Inferences from Diet Composition and Geo-Climatic Factors. Toxins, 2022, 14, 493.	3.4	8
13	Fate of regulated, masked, emerging mycotoxins and secondary fungal metabolites during different large-scale maize dry-milling processes. Food Research International, 2021, 140, 109861.	6.2	17
14	Fungi and their secondary metabolites in waterâ€damaged indoors after a major flood event in eastern Croatia. Indoor Air, 2021, 31, 730-744.	4.3	15
15	Co-occurrence of mycotoxins, aflatoxin biosynthetic precursors, and <i>Aspergillus</i> metabolites in garlic (<i>Allium sativum</i> L) marketed in Zaria, Nigeria. Food Additives and Contaminants: Part B Surveillance, 2021, 14, 23-29.	2.8	3
16	Challenges and future directions in LC-MS-based multiclass method development for the quantification of food contaminants. Analytical and Bioanalytical Chemistry, 2021, 413, 25-34.	3.7	36
17	Fungi and their metabolites in grain from individual households in Croatia. Food Additives and Contaminants: Part B Surveillance, 2021, 14, 98-109.	2.8	15
18	Analytik vor den Vorhang. Nachrichten Aus Der Chemie, 2021, 69, 3-3.	0.0	1

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19	Fullerol C60(OH)24 Nanoparticles and Drought Impact on Wheat (Triticum aestivum L.) during Growth and Infection with Aspergillus flavus. Journal of Fungi (Basel, Switzerland), 2021, 7, 236.	3.5	10
20	Fusarium Head Blight and Associated Mycotoxins in Grains and Straw of Barley: Influence of Agricultural Practices. Agronomy, 2021, 11, 801.	3.0	8
21	Co-occurrence and toxicological relevance of secondary metabolites in dairy cow feed from Thailand. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 1013-1027.	2.3	14
22	Metataxonomic analysis of bacterial communities and mycotoxin reduction during processing of three millet varieties into ogi, a fermented cereal beverage. Food Research International, 2021, 143, 110241.	6.2	12
23	Raised concerns about the safety of barley grains and straw: A Swiss survey reveals a high diversity of mycotoxins and other fungal metabolites. Food Control, 2021, 125, 107919.	5.5	33
24	<i>Fusarium</i> metabolites in maize from regions of Northern Serbia in 2016-2017. Food Additives and Contaminants: Part B Surveillance, 2021, 14, 295-305.	2.8	8
25	Present status and future perspectives of grain drying and storage practices as a means to reduce mycotoxin exposure in Nigeria. Food Control, 2021, 126, 108074.	5.5	13
26	Dietary Risk Assessment and Consumer Awareness of Mycotoxins among Household Consumers of Cereals, Nuts and Legumes in North-Central Nigeria. Toxins, 2021, 13, 635.	3.4	24
27	Evaluating the Performance of Lateral Flow Devices for Total Aflatoxins with Special Emphasis on Their Robustness under Sub-Saharan Conditions. Toxins, 2021, 13, 742.	3.4	6
28	Fusarium Secondary Metabolite Content in Naturally Produced and Artificially Provoked FHB Pressure in Winter Wheat. Agronomy, 2021, 11, 2239.	3.0	8
29	Towards a dietary-exposome assessment of chemicals in food: An update on the chronic health risks for the European consumer. Critical Reviews in Food Science and Nutrition, 2020, 60, 1890-1911.	10.3	43
30	Novel analytical methods to study the fate of mycotoxins during thermal food processing. Analytical and Bioanalytical Chemistry, 2020, 412, 9-16.	3.7	41
31	Worldwide contamination of food-crops with mycotoxins: Validity of the widely cited â€˜FAO estimateâ€™ of 25%. Critical Reviews in Food Science and Nutrition, 2020, 60, 2773-2789.	10.3	656
32	Carbon dioxide production as an indicator of Aspergillus flavus colonisation and aflatoxins/cyclopiazonic acid contamination in shelled peanuts stored under different interacting abiotic factors. Fungal Biology, 2020, 124, 1-7.	2.5	13
33	Mycotoxins in maize harvested in Republic of Serbia in the period 2012â€“2015. Part 1: Regulated mycotoxins and its derivatives. Food Chemistry, 2020, 312, 126034.	8.2	61
34	Fungi and mycotoxins in cowpea (<i>Vigna unguiculata</i> L) on Nigerian markets. Food Additives and Contaminants: Part B Surveillance, 2020, 13, 52-58.	2.8	12
35	Moulds and their secondary metabolites associated with the fermentation and storage of two cocoa bean hybrids in Nigeria. International Journal of Food Microbiology, 2020, 316, 108490.	4.7	21
36	Profiles of fungal metabolites including regulated mycotoxins in individual dried Turkish figs by LC-MS/MS. Mycotoxin Research, 2020, 36, 381-387.	2.3	11

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37	Distribution of fungi and their toxic metabolites in melon and sesame seeds marketed in two major producing states in Nigeria. Mycotoxin Research, 2020, 36, 361-369.	2.3	10
38	The MyToolbox EUâ€“China Partnershipâ€”Progress and Future Directions in Mycotoxin Research and Management. Toxins, 2020, 12, 712.	3.4	7
39	DNA aptamers against bacterial cells can be efficiently selected by a SELEX process using state-of-the art qPCR and ultra-deep sequencing. Scientific Reports, 2020, 10, 20917.	3.3	30
40	Human dietary exposure to chemicals in sub-Saharan Africa: safety assessment through a total diet study. Lancet Planetary Health, The, 2020, 4, e292-e300.	11.4	15
41	Validation of an LC-MS/MS-based dilute-and-shoot approach for the quantification of >â€‰500 mycotoxins and other secondary metabolites in food crops: challenges and solutions. Analytical and Bioanalytical Chemistry, 2020, 412, 2607-2620.	3.7	160
42	Biological Control of Aflatoxin in Maize Grown in Serbia. Toxins, 2020, 12, 162.	3.4	43
43	Fungal and plant metabolites in industrially-processed fruit juices in Nigeria. Food Additives and Contaminants: Part B Surveillance, 2020, 13, 155-161.	2.8	4
44	Evaluation of Matrix Effects and Extraction Efficiencies of LCâ€“MS/MS Methods as the Essential Part for Proper Validation of Multiclass Contaminants in Complex Feed. Journal of Agricultural and Food Chemistry, 2020, 68, 3868-3880.	5.2	86
45	DNA barcoding for the identification of mold species in bakery plants and products. Food Chemistry, 2020, 318, 126501.	8.2	5
46	Mycotoxins in maize harvested in Serbia in the period 2012â€“2015. Part 2: Non-regulated mycotoxins and other fungal metabolites. Food Chemistry, 2020, 317, 126409.	8.2	35
47	Do Triticum aestivum L. and Triticum spelta L. Hybrids Constitute a Promising Source Material for Quality Breeding ofNew Wheat Varieties?. Agronomy, 2020, 10, 43.	3.0	16
48	Impact of fullerol C60(OH)24 nanoparticles on the production of emerging toxins by Aspergillus flavus. Scientific Reports, 2020, 10, 725.	3.3	17
49	Gallium arsenide waveguides as a platform for direct mid-infrared vibrational spectroscopy. Analytical and Bioanalytical Chemistry, 2020, 412, 3447-3456.	3.7	2
50	Multiple Fungal Metabolites Including Mycotoxins in Naturally Infected and Fusarium-Inoculated Wheat Samples. Microorganisms, 2020, 8, 578.	3.6	38
51	Fungal Diversity and Mycotoxins in Low Moisture Content Ready-To-Eat Foods in Nigeria. Frontiers in Microbiology, 2020, 11, 615.	3.5	22
52	Fullerol C60(OH)24 Nanoparticles Affect Secondary Metabolite Profile of Important Foodborne Mycotoxigenic Fungi In Vitro. Toxins, 2020, 12, 213.	3.4	13
53	Realizing the simultaneous liquid chromatography-tandem mass spectrometry based quantification of >1200 biotoxins, pesticides and veterinary drugs in complex feed. Journal of Chromatography A, 2020, 1629, 461502.	3.7	35
54	Microbiological safety of readyâ€toâ€eat foods in lowâ€•and middleâ€income countries: A comprehensive 10â€year (2009 to 2018) review. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 703-732.	11.7	47

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55	Diversity and toxigenicity of fungi and description of Fusarium madaense sp. nov. from cereals, legumes and soils in north-central Nigeria. MycoKeys, 2020, 67, 95-124.	1.9	20
56	Emerging Fusarium Mycotoxins Fusaproliferin, Beauvericin, Enniatins, and Moniliformin in Serbian Maize. Toxins, 2019, 11, 357.	3.4	50
57	Multimycotoxin LC-MS/MS analysis in pearl millet (Pennisetum glaucum) from Tunisia. Food Control, 2019, 106, 106738.	5.5	18
58	Stable Isotope-Assisted Plant Metabolomics: Investigation of Phenylalanine-Related Metabolic Response in Wheat Upon Treatment With the Fusarium Virulence Factor Deoxynivalenol. Frontiers in Plant Science, 2019, 10, 1137.	3.6	35
59	The Influence of Steeping Water Change during Malting on the Multi-Toxin Content in Malt. Foods, 2019, 8, 478.	4.3	3
60	Stable Isotopeâ€“Assisted Plant Metabolomics: Combination of Global and Tracer-Based Labeling for Enhanced Untargeted Profiling and Compound Annotation. Frontiers in Plant Science, 2019, 10, 1366.	3.6	23
61	Zearalenone and ÃŸ-Zearalenol But Not Their Glucosides Inhibit Heat Shock Protein 90 ATPase Activity. Frontiers in Pharmacology, 2019, 10, 1160.	3.5	5
62	Fungal metabolite and mycotoxins profile of cashew nut from selected locations in two African countries. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 1847-1859.	2.3	16
63	Simple lysis of bacterial cells for DNA-based diagnostics using hydrophilic ionic liquids. Scientific Reports, 2019, 9, 13994.	3.3	31
64	Regional Sub-Saharan Africa Total Diet Study in Benin, Cameroon, Mali and Nigeria Reveals the Presence of 164 Mycotoxins and Other Secondary Metabolites in Foods. Toxins, 2019, 11, 54.	3.4	42
65	Occurrence and Human-Health Impacts of Mycotoxins in Somalia. Journal of Agricultural and Food Chemistry, 2019, 67, 2052-2060.	5.2	47
66	Detection of a microbial source tracking marker by isothermal helicase-dependent amplification and a nucleic acid lateral-flow strip test. Scientific Reports, 2019, 9, 393.	3.3	27
67	Mycotoxin and cyanogenic glycoside assessment of the traditional leafy vegetables <i>mutete</i> and <i>omboga</i> from Namibia. Food Additives and Contaminants: Part B Surveillance, 2019, 12, 245-251.	2.8	8
68	The Influence of Processing Parameters on the Mitigation of Deoxynivalenol during Industrial Baking. Toxins, 2019, 11, 317.	3.4	23
69	Variation of Fungal Metabolites in Sorghum Malts Used to Prepare Namibian Traditional Fermented Beverages Omalodu and Otombo. Toxins, 2019, 11, 165.	3.4	16
70	A comparative investigation of the effects of feed-borne deoxynivalenol (DON) on growth performance, nutrient utilization and metabolism of detoxification in rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 carbohydrates. Aquaculture, 2019, 505, 306-318.	3.5	9
71	Mycotoxins in uncooked and plate-ready household food from rural northern Nigeria. Food and Chemical Toxicology, 2019, 128, 171-179.	3.6	31
72	The effects of naturally occurring or purified deoxynivalenol (DON) on growth performance, nutrient utilization and histopathology of rainbow trout (Oncorhynchus mykiss). Aquaculture, 2019, 505, 319-332.	3.5	10

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73	Screening of Various Metabolites in Six Barley Varieties Grown under Natural Climatic Conditions (2016â€"2018). Microorganisms, 2019, 7, 532.	3.6	9
74	Mycotoxin co-exposures in infants and young children consuming household- and industrially-processed complementary foods in Nigeria and risk management advice. Food Control, 2019, 98, 312-322.	5.5	53
75	Triticum polonicum L. as potential source material for the biofortification of wheat with essential micronutrients. Plant Genetic Resources: Characterisation and Utilisation, 2019, 17, 213-220.	0.8	13
76	Challenges and perspectives in the application of isothermal DNA amplification methods for food and water analysis. Analytical and Bioanalytical Chemistry, 2019, 411, 1695-1702.	3.7	45
77	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
78	Mycotoxins in poultry feed and feed ingredients in Nigeria. Mycotoxin Research, 2019, 35, 149-155.	2.3	49
79	Ultra-sensitive, stable isotope assisted quantification of multiple urinary mycotoxin exposure biomarkers. Analytica Chimica Acta, 2018, 1019, 84-92.	5.4	101
80	From malt to wheat beer: A comprehensive multi-toxin screening, transfer assessment and its influence on basic fermentation parameters. Food Chemistry, 2018, 254, 115-121.	8.2	51
81	Occurrence of Ochratoxins, Fumonisin B₂, Aflatoxins (B₁ and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Miniâ€Survey. Journal of Food Science, 2018, 83, 559-564.	3.1	37
82	Advanced LCâ€"MS-based methods to study the co-occurrence and metabolization of multiple mycotoxins in cereals and cereal-based food. Analytical and Bioanalytical Chemistry, 2018, 410, 801-825.	3.7	113
83	Traditionally Processed Beverages in Africa: A Review of the Mycotoxin Occurrence Patterns and Exposure Assessment. Comprehensive Reviews in Food Science and Food Safety, 2018, 17, 334-351.	11.7	43
84	Impact of the insecticide application to maize cultivated in different environmental conditions on emerging mycotoxins. Field Crops Research, 2018, 217, 188-198.	5.1	9
85	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
86	Traditional processing impacts mycotoxin levels and nutritional value of ogi â€" A maize-based complementary food. Food Control, 2018, 86, 224-233.	5.5	36
87	Aspergillus flavus NRRL 3251 Growth, Oxidative Status, and Aflatoxins Production Ability In Vitro under Different Illumination Regimes. Toxins, 2018, 10, 528.	3.4	11
88	Fullerol C60(OH)24 nanoparticles modulate aflatoxin B1 biosynthesis in Aspergillus flavus. Scientific Reports, 2018, 8, 12855.	3.3	25
89	Assessing the combined toxicity of the natural toxins, aflatoxin B1, fumonisin B1 and microcystin-LR by high content analysis. Food and Chemical Toxicology, 2018, 121, 527-540.	3.6	20
90	Fusarium culmorum multi-toxin screening in malting and brewing by-products. LWT - Food Science and Technology, 2018, 98, 642-645.	5.2	12

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91	Ãœber den europÃischen Tellerrand. Nachrichten Aus Der Chemie, 2018, 66, 839-839.	0.0	0
92	The Mycotox Charter: Increasing Awareness of, and Concerted Action for, Minimizing Mycotoxin Exposure Worldwide. Toxins, 2018, 10, 149.	3.4	57
93	Survey of roasted street-vended nuts in Sierra Leone for toxic metabolites of fungal origin. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 1573-1580.	2.3	9
94	Interacting Environmental Stress Factors Affects Targeted Metabolomic Profiles in Stored Natural Wheat and That Inoculated with F. graminearum. Toxins, 2018, 10, 56.	3.4	25
95	Assessing the mycotoxicological risk from consumption of complementary foods by infants and young children in Nigeria. Food and Chemical Toxicology, 2018, 121, 37-50.	3.6	72
96	High-Throughput Sequence Analyses of Bacterial Communities and Multi-Mycotoxin Profiling During Processing of Different Formulations of Kunu, a Traditional Fermented Beverage. Frontiers in Microbiology, 2018, 9, 3282.	3.5	45
97	Effect of pretreatments on mycotoxin profiles and levels in dried figs. Arhiv Za Higijenu Rada I Toksikologiju, 2018, 69, 328-333.	0.7	10
98	Portable Infrared Laser Spectroscopy for On-site Mycotoxin Analysis. Scientific Reports, 2017, 7, 44028.	3.3	32
99	Occurrence of multiple mycotoxins and other fungal metabolites in animal feed and maize samples from Egypt using LCâ€MS/MS. Journal of the Science of Food and Agriculture, 2017, 97, 4419-4428.	3.5	94
100	Effect of agronomic programmes with different susceptibility to deoxynivalenol risk on emerging contamination in winter wheat. European Journal of Agronomy, 2017, 85, 12-24.	4.1	25
101	A mini-survey of moulds and mycotoxins in locally grown and imported wheat grains in Nigeria. Mycotoxin Research, 2017, 33, 59-64.	2.3	20
102	A loop-mediated isothermal amplification (LAMP) assay for the rapid detection of Enterococcus spp. in water. Water Research, 2017, 122, 62-69.	11.3	60
103	Uncommon toxic microbial metabolite patterns in traditionally home-processed maize dish (fufu) consumed in rural Cameroon. Food and Chemical Toxicology, 2017, 107, 10-19.	3.6	38
104	A Complementary Isothermal Amplification Method to the U.S. EPA Quantitative Polymerase Chain Reaction Approach for the Detection of Enterococci in Environmental Waters. Environmental Science & Technology, 2017, 51, 7028-7035.	10.0	12
105	Mycotoxin risk assessment for consumers of groundnut in domestic markets in Nigeria. International Journal of Food Microbiology, 2017, 251, 24-32.	4.7	78
106	Bacterial species and mycotoxin contamination associated with locust bean, melon and their fermented products in south-western Nigeria. International Journal of Food Microbiology, 2017, 258, 73-80.	4.7	23
107	MetExtract II: A Software Suite for Stable Isotope-Assisted Untargeted Metabolomics. Analytical Chemistry, 2017, 89, 9518-9526.	6.5	80
108	Mycotoxin patterns in ear rot infected maize: A comprehensive case study in Nigeria. Food Control, 2017, 73, 1159-1168.	5.5	40

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109	Natural mycotoxin contamination of maize (Zea mays L.) in the South region of Brazil. Food Control, 2017, 73, 127-132.	5.5	96
110	Mycotoxin testing: From Multi-toxin analysis to metabolomics. Mycotoxins, 2017, 67, 11-16.	0.2	13
111	Mycotoxin Contamination in Sugarcane Grass and Juice: First Report on Detection of Multiple Mycotoxins and Exposure Assessment for Aflatoxins B1 and G1 in Humans. Toxins, 2016, 8, 343.	3.4	37
112	Identification and Characterization of Carboxylesterases from Brachypodium distachyon Deacetylating Trichothecene Mycotoxins. Toxins, 2016, 8, 6.	3.4	17
113	The Response of Selected Triticum spp. Genotypes with Different Ploidy Levels to Head Blight Caused by Fusarium culmorum (W.G.Smith) Sacc.. Toxins, 2016, 8, 112.	3.4	9
114	Co-Occurrence of Regulated, Masked and Emerging Mycotoxins and Secondary Metabolites in Finished Feed and Maizeâ€"An Extensive Survey. Toxins, 2016, 8, 363.	3.4	151
115	Stable Isotope-Assisted Evaluation of Different Extraction Solvents for Untargeted Metabolomics of Plants. International Journal of Molecular Sciences, 2016, 17, 1017.	4.1	64
116	Identification of a novel human deoxynivalenol metabolite enhancing proliferation of intestinal and urinary bladder cells. Scientific Reports, 2016, 6, 33854.	3.3	40
117	Development and validation of a fully automated online-SPEâ€“ESIâ€“LCâ€“MS/MS multi-residue method for the determination of different classes of pesticides in drinking, ground and surface water. International Journal of Environmental Analytical Chemistry, 2016, 96, 353-372.	3.3	12
118	Fungal isolates and metabolites in locally processed rice from five agro-ecological zones of Nigeria. Food Additives and Contaminants: Part B Surveillance, 2016, 9, 281-289.	2.8	6
119	Mould and mycotoxin exposure assessment of melon and bush mango seeds, two common soup thickeners consumed in Nigeria. International Journal of Food Microbiology, 2016, 237, 83-91.	4.7	22
120	A novel chemometric classification for FTIR spectra of mycotoxin-contaminated maize and peanuts at regulatory limits. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 1596-1607.	2.3	38
121	Determining and characterizing hapten loads for carrier proteins by MALDI-TOF MS and MALDI-TOF/RTOF MS. Methods, 2016, 104, 55-62.	3.8	4
122	A rapid genomic DNA extraction method and its combination with helicase dependent amplification for the detection of genetically modified maize. Analytical Methods, 2016, 8, 136-141.	2.7	13
123	The elemental composition of seedlings of selected Triticum sp. genotypes and of a commercial dietary supplement â€" a comparative analysis. Journal of Elementology, 2016, , .	0.2	0
124	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
125	QCScreen: a software tool for data quality control in LC-HRMS based metabolomics. BMC Bioinformatics, 2015, 16, 341.	2.6	16
126	Effects of Wheat Naturally Contaminated with Fusarium Mycotoxins on Growth Performance and Selected Health Indices of Red Tilapia (Oreochromis niloticus Ã— O. mossambicus). Toxins, 2015, 7, 1929-1944.	3.4	27

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127	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
128	Presence of Multiple Mycotoxins and Other Fungal Metabolites in Native Grasses from a Wetland Ecosystem in Argentina Intended for Grazing Cattle. Toxins, 2015, 7, 3309-3329.	3.4	45
129	Bacterial Diversity and Mycotoxin Reduction During Maize Fermentation (Steeping) for Ogi Production. Frontiers in Microbiology, 2015, 6, 1402.	3.5	65
130	GCâ€“MS based targeted metabolic profiling identifies changes in the wheat metabolome following deoxynivalenol treatment. Metabolomics, 2015, 11, 722-738.	3.0	117
131	Discrimination Between the Grain of Spelt and Common Wheat Hybrids and their Parental Forms Using Fourier Transform Infraredâ€“Attenuated Total Reflection. International Journal of Food Properties, 2015, 18, 54-63.	3.0	10
132	Loop-Mediated Isothermal Amplification (LAMP) for the Detection of Horse Meat in Meat and Processed Meat Products. Food Analytical Methods, 2015, 8, 1576-1581.	2.6	35
133	Role of the European corn borer (<i>Ostrinia nubilalis</i>) on contamination of maize with 13<i>Fusarium</i>mycotoxins. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 533-543.	2.3	41
134	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
135	Biotransformation of the Mycotoxin Deoxynivalenol in Fusarium Resistant and Susceptible Near Isogenic Wheat Lines. PLoS ONE, 2015, 10, e0119656.	2.5	93
136	Uncommon occurrence ratios of aflatoxin B1, B2, G1, and G2 in maize and groundnuts from Malawi. Mycotoxin Research, 2015, 31, 57-62.	2.3	50
137	Sm2, a paralog of the Trichoderma cerato-platanin elicitor Sm1, is also highly important for plant protection conferred by the fungal-root interaction of Trichoderma with maize. BMC Microbiology, 2015, 15, 2.	3.3	79
138	Fungal and bacterial metabolites associated with natural contamination of locally processed rice (<i>Oryza sativa</i>L.) in Nigeria. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 950-959.	2.3	31
139	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
140	Mycotoxins and cyanogenic glycosides in staple foods of three indigenous people of the Colombian Amazon. Food Additives and Contaminants: Part B Surveillance, 2015, 8, 150922031753004.	2.8	7
141	Rhodococcus erythropolis MTHt3 biotransforms ergopeptines to lysergic acid. BMC Microbiology, 2015, 15, 73.	3.3	9
142	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
143	Fast and efficient extraction of DNA from meat and meat derived products using aqueous ionic liquid buffer systems. New Journal of Chemistry, 2015, 39, 4994-5002.	2.8	20
144	Hydrophilic interaction liquid chromatography coupled with tandem mass spectrometry for the quantification of uridine diphosphate-glucose, uridine diphosphate-glucuronic acid, deoxynivalenol and its glucoside: In-house validation and application to wheat. Journal of Chromatography A, 2015, 1423, 183-189.	3.7	13

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145	The development of a multiplex real-time PCR to quantify Fusarium DNA of trichothecene and fumonisin producing strains in maize. Analytical Methods, 2015, 7, 1358-1365.	2.7	14
146	Deoxynivalenol-sulfates: identification and quantification of novel conjugated (masked) mycotoxins in wheat. Analytical and Bioanalytical Chemistry, 2015, 407, 1033-1039.	3.7	68
147	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
148	Advancements in IR spectroscopic approaches for the determination of fungal derived contaminations in food crops. Analytical and Bioanalytical Chemistry, 2015, 407, 653-660.	3.7	44
149	A rapid DNA lateral flow test for the detection of transgenic maize by isothermal amplification of the 35S promoter. Analytical Methods, 2015, 7, 129-134.	2.7	12
150	Fate of mycotoxins in two popular traditional cereal-based beverages (kunu-zaki and pito) from rural Nigeria. LWT - Food Science and Technology, 2015, 60, 137-141.	5.2	46
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152	Evaluation of Emerging Fusarium mycotoxins beauvericin, Enniatins, Fusaproliferin and Moniliformin in Domestic Rice in Iran. Iranian Journal of Pharmaceutical Research, 2015, 14, 505-12.	0.5	28
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