

Deoxynivalenol: mechanisms of action, human exposure

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mycotoxins: Biosynthesis and Health Impacts. , 2010, , 1-5.		0
2	Stability of the mycotoxin deoxynivalenol (DON) during the production of flour-based foods and wheat flake cereal. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 1694-1700.	1.1	35
3	Toxicological interactions between the mycotoxins beauvericin, deoxynivalenol and T-2 toxin in CHO-K1 cells in vitro. Toxicon, 2011, 58, 315-326.	0.8	79
4	Immunoassay based on monoclonal antibodies versus LC-MS: deoxynivalenol in wheat and flour in Southern Brazil. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2011, 28, 1083-1090.	1.1	21
5	Characterization of deoxynivalenol-induced anorexia using mouse bioassay. Food and Chemical Toxicology, 2011, 49, 1863-1869.	1.8	47
6	Deoxynivalenol transport across the human placental barrier. Food and Chemical Toxicology, 2011, 49, 2046-2052.	1.8	47
7	Cytotoxic effects of mycotoxin combinations in mammalian kidney cells. Food and Chemical Toxicology, 2011, 49, 2718-2724.	1.8	89
8	Analysis of the <i>Fusarium graminearum</i> species complex from wheat, barley and maize in South Africa provides evidence of species-specific differences in host preference. Fungal Genetics and Biology, 2011, 48, 914-920.	0.9	116
9	Hydrolytic fate of deoxynivalenol-3-glucoside during digestion. Toxicology Letters, 2011, 206, 264-267.	0.4	216
10	The Food-Contaminant Deoxynivalenol Modifies Eating by Targeting Anorexigenic Neurocircuitry. PLoS ONE, 2011, 6, e26134.	1.1	64
11	The Spread of a Released Clone of <i>Gibberella zeae</i> from Different Amounts of Infested Corn Residue. Plant Disease, 2011, 95, 1458-1464.	0.7	10
12	Most cited articles: ethanol-induced hepatotoxicity, anticarcinogenic effects of polyphenolic compounds in tea, dose-response modeling, novel roles of epoxide hydrolases and arsenic-induced suicidal erythrocyte death. Archives of Toxicology, 2011, 85, 1485-1489.	1.9	4
13	Biological detoxification of the mycotoxin deoxynivalenol and its use in genetically engineered crops and feed additives. Applied Microbiology and Biotechnology, 2011, 91, 491-504.	1.7	177
14	Expression of immune relevant genes in pigs under the influence of low doses of deoxynivalenol (DON). Mycotoxin Research, 2011, 27, 287-293.	1.3	29
15	Body composition and hormonal effects following exposure to mycotoxin deoxynivalenol in the high-fat diet-induced obese mouse. Molecular Nutrition and Food Research, 2011, 55, 1070-1078.	1.5	20
16	The ribotoxin deoxynivalenol affects the viability and functions of glial cells. Glia, 2011, 59, 1672-1683.	2.5	41
17	Central Inflammation and Sickness-Like Behavior Induced by the Food Contaminant Deoxynivalenol: A PGE2-Independent Mechanism. Toxicological Sciences, 2011, 124, 179-191.	1.4	54
18	Advances in Deoxynivalenol Toxicity Mechanisms: The Brain as a Target. Toxins, 2012, 4, 1120-1138.	1.5	80

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19	Modeling Deoxynivalenol Contamination of Wheat in Northwestern Europe for Climate Change Assessments. <i>Journal of Food Protection</i> , 2012, 75, 1099-1106.	0.8	33
20	JAK/STAT Pathway Plays a Critical Role in the Proinflammatory Gene Expression and Apoptosis of RAW264.7 Cells Induced by Trichothecenes as DON and T-2 Toxin. <i>Toxicological Sciences</i> , 2012, 127, 412-424.	1.4	108
21	Transgenic <i>Arabidopsis thaliana</i> expressing a barley UDP-glucosyltransferase exhibit resistance to the mycotoxin deoxynivalenol. <i>Journal of Experimental Botany</i> , 2012, 63, 4731-4740.	2.4	92
22	Anorexia Induction by the Trichothecene Deoxynivalenol (Vomitoxin) Is Mediated by the Release of the Gut Satiety Hormone Peptide YY. <i>Toxicological Sciences</i> , 2012, 130, 289-297.	1.4	81
23	Food Chain Mycotoxin Exposure, Gut Health, and Impaired Growth: A Conceptual Framework. <i>Advances in Nutrition</i> , 2012, 3, 526-531.	2.9	144
24	Aberrant Expression of miR-638 Contributes to Benzo(a)pyrene-Induced Human Cell Transformation. <i>Toxicological Sciences</i> , 2012, 125, 382-391.	1.4	79
25	Fusarium mycotoxin-contaminated wheat containing deoxynivalenol alters the gene expression in the liver and the jejunum of broilers. <i>Animal</i> , 2012, 6, 278-291.	1.3	27
26	Targets and Intracellular Signaling Mechanisms for Deoxynivalenol-Induced Ribosomal RNA Cleavage. <i>Toxicological Sciences</i> , 2012, 127, 382-390.	1.4	42
27	Toxicity of Deoxynivalenol and Its Acetylated Derivatives on the Intestine: Differential Effects on Morphology, Barrier Function, Tight Junction Proteins, and Mitogen-Activated Protein Kinases. <i>Toxicological Sciences</i> , 2012, 130, 180-190.	1.4	208
28	Resveratrol inhibits reproductive toxicity induced by deoxynivalenol. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 1329-1334.	0.9	37
29	A design of experiments approach to studying deoxynivalenol and deoxynivalenol-3-glucoside evolution throughout industrial production of wholegrain crackers exploiting LC-MS/MS techniques. <i>World Mycotoxin Journal</i> , 2012, 5, 241-249.	0.8	24
30	The role of biomarkers in evaluating human health concerns from fungal contaminants in food. <i>Nutrition Research Reviews</i> , 2012, 25, 162-179.	2.1	143
31	Zebrafish (<i>Danio rerio</i>) as a model for investigating dietary toxic effects of deoxynivalenol contamination in aquaculture feeds. <i>Food and Chemical Toxicology</i> , 2012, 50, 4441-4448.	1.8	49
32	Immunotoxicity. , 2012, , 364-380.		1
33	Assessment of human deoxynivalenol exposure using an LC-MS/MS based biomarker method. <i>Toxicology Letters</i> , 2012, 211, 85-90.	0.4	145
34	Metabolism of the masked mycotoxin deoxynivalenol-3-glucoside in rats. <i>Toxicology Letters</i> , 2012, 213, 367-373.	0.4	146
35	Nanotoxicology and oxidative stress control: cutting-edge topics in toxicology. <i>Archives of Toxicology</i> , 2012, 86, 1629-1635.	1.9	10
36	Comparison of murine anorectic responses to the 8-ketotrichothecenes 3-acetyldeoxynivalenol, 15-acetyldeoxynivalenol, fusarenon X and nivalenol. <i>Food and Chemical Toxicology</i> , 2012, 50, 2056-2061.	1.8	46

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37	Development and practical application in the cereal food industry of a rapid and quantitative lateral flow immunoassay for deoxynivalenol. <i>Food Control</i> , 2012, 26, 88-91.	2.8	44
38	Transcriptome analysis of the human T lymphocyte cell line Jurkat and human peripheral blood mononuclear cells exposed to deoxynivalenol (DON): New mechanistic insights. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 51-64.	1.3	49
39	Estrogenic effects of fusarielins in human breast cancer cell lines. <i>Toxicology Letters</i> , 2012, 214, 259-262.	0.4	17
40	A chronic oral exposure of pigs with deoxynivalenol partially prevents the acute effects of lipopolysaccharides on hepatic histopathology and blood clinical chemistry. <i>Toxicology Letters</i> , 2012, 215, 193-200.	0.4	20
41	Trichothecenes in breakfast cereals from the Spanish retail market. <i>Journal of Food Composition and Analysis</i> , 2012, 27, 38-44.	1.9	39
42	Evaluation of Fetal Skeletal Malformations in Deoxynivalenol-Treated Mice Using Microarray Analysis. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 63, 445-452.	2.1	16
43	A novel actinomycete derived from wheat heads degrades deoxynivalenol in the grain of wheat and barley affected by <i>Fusarium</i> head blight. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 1059-1070.	1.7	25
44	Thirteen novel deoxynivalenol-degrading bacteria are classified within two genera with distinct degradation mechanisms. <i>FEMS Microbiology Letters</i> , 2012, 327, 110-117.	0.7	94
45	Translation inhibitors and their unique biological properties. <i>European Journal of Pharmacology</i> , 2012, 676, 1-5.	1.7	11
46	Highlight report: towards the replacement of in vivo repeated dose systemic toxicity testing. <i>Archives of Toxicology</i> , 2012, 86, 13-15.	1.9	18
47	Stable isotopic labelling-assisted untargeted metabolic profiling reveals novel conjugates of the mycotoxin deoxynivalenol in wheat. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5031-5036.	1.9	102
48	Study of the interaction of deoxynivalenol with human serum albumin by spectroscopic technique and molecular modelling. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 356-364.	1.1	15
49	Effects of oral deoxynivalenol exposure on immune-related parameters in lymphoid organs and serum of mice vaccinated with porcine parvovirus vaccine. <i>Mycotoxin Research</i> , 2013, 29, 185-192.	1.3	18
50	Protective effects of antioxidants on deoxynivalenol-induced damage in murine lymphoma cells. <i>Mycotoxin Research</i> , 2013, 29, 203-208.	1.3	32
51	The food contaminant deoxynivalenol activates the mitogen activated protein kinases in the intestine: Interest of ex vivo models as an alternative to in vivo experiments. <i>Toxicol</i> , 2013, 66, 31-36.	0.8	90
52	Gene expression profiling analysis of deoxynivalenol-induced inhibition of mouse thymic epithelial cell proliferation. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 557-566.	2.0	15
53	Deoxynivalenol induces ectodomain shedding of TNF receptor 1 and thereby inhibits the TNF- α -induced NF- κ B signaling pathway. <i>European Journal of Pharmacology</i> , 2013, 701, 144-151.	1.7	23
54	Trichothecene toxicity in eukaryotes: Cellular and molecular mechanisms in plants and animals. <i>Toxicology Letters</i> , 2013, 217, 149-158.	0.4	122

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55	The Microbiology of Malting and Brewing. <i>Microbiology and Molecular Biology Reviews</i> , 2013, 77, 157-172.	2.9	237
56	New insights into the human metabolism of the <i>Fusarium</i> mycotoxins deoxynivalenol and zearalenone. <i>Toxicology Letters</i> , 2013, 220, 88-94.	0.4	165
57	Toxicogenomics-Based Identification of Mechanisms for Direct Immunotoxicity. <i>Toxicological Sciences</i> , 2013, 135, 328-346.	1.4	37
58	Alternariol induces abnormal nuclear morphology and cell cycle arrest in murine RAW 264.7 macrophages. <i>Toxicology Letters</i> , 2013, 219, 8-17.	0.4	32
59	A simple and rapid method for the determination of deoxynivalenol in human cells by UPLC-TOF-MS. <i>Analytical Methods</i> , 2013, 5, 5637.	1.3	6
60	Transcriptomic characterization of two major <i>Fusarium</i> resistance quantitative trait loci (QTLs), <i>Fhb1</i> and <i>Qfhs.ifa-5A</i> , identifies novel candidate genes. <i>Molecular Plant Pathology</i> , 2013, 14, 772-785.	2.0	132
61	Survival of <i>Fusarium graminearum</i> , the causal agent of <i>Fusarium</i> head blight. A review. <i>Agronomy for Sustainable Development</i> , 2013, 33, 97-111.	2.2	133
62	Deoxynivalenol and zearalenone occurrence in beers analysed by an enzyme-linked immunosorbent assay method. <i>Food Control</i> , 2013, 29, 22-24.	2.8	51
63	Bacterial Cytochrome P450 System Catabolizing the <i>Fusarium</i> Toxin Deoxynivalenol. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1619-1628.	1.4	79
64	Study of the influence of the milling process on the distribution of deoxynivalenol content from the caryopsis to cooked pasta. <i>Food Control</i> , 2013, 32, 309-312.	2.8	31
65	Determination of aflatoxins, deoxynivalenol, ochratoxin A and zearalenone in wheat and oat based bran supplements sold in the Spanish market. <i>Food and Chemical Toxicology</i> , 2013, 53, 133-138.	1.8	96
66	New insights into mycotoxin mixtures: The toxicity of low doses of Type B trichothecenes on intestinal epithelial cells is synergistic. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 191-198.	1.3	174
67	Evaluation of insulin-like growth factor acid-labile subunit as a potential biomarker of effect for deoxynivalenol-induced proinflammatory cytokine expression. <i>Toxicology</i> , 2013, 304, 192-198.	2.0	12
68	Comparative study of deoxynivalenol, 3-acetyldeoxynivalenol, and 15-acetyldeoxynivalenol on intestinal transport and IL-8 secretion in the human cell line Caco-2. <i>Toxicology in Vitro</i> , 2013, 27, 1888-1895.	1.1	51
69	Occurrence of deoxynivalenol in durum wheat from Morocco. <i>Food Control</i> , 2013, 32, 115-118.	2.8	37
70	A Novel Role of Cytosolic Protein Synthesis Inhibition in Aminoglycoside Ototoxicity. <i>Journal of Neuroscience</i> , 2013, 33, 3079-3093.	1.7	59
71	Functional Characterization of Two Clusters of <i>Brachypodium distachyon</i> UDP-Glycosyltransferases Encoding Putative Deoxynivalenol Detoxification Genes. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 781-792.	1.4	85
72	Effects of beauvericin, enniatin b and moniliformin on human dendritic cells and macrophages: An <i>in vitro</i> study. <i>Toxicon</i> , 2013, 71, 1-10.	0.8	30

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73	Determination of deoxynivalenol (DON) and its derivatives: Current status of analytical methods. <i>Food Control</i> , 2013, 34, 138-148.	2.8	67
75	Masked Mycotoxins Are Efficiently Hydrolyzed by Human Colonic Microbiota Releasing Their Aglycones. <i>Chemical Research in Toxicology</i> , 2013, 26, 305-312.	1.7	166
76	Simultaneous Quantitative Determination of Multiple Mycotoxins in Cereal and Feedstuff Samples by a Suspension Array Immunoassay. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10948-10953.	2.4	34
77	c-Fos immunoreactivity in the pig brain following deoxynivalenol intoxication: Focus on NUCB2/nesfatin-1 expressing neurons. <i>NeuroToxicology</i> , 2013, 34, 135-149.	1.4	40
78	Effects of composite antimicrobial peptides in weanling piglets challenged with deoxynivalenol: II. Intestinal morphology and function1. <i>Journal of Animal Science</i> , 2013, 91, 4750-4756.	0.2	74
79	Comparison of Emetic Potencies of the 8-Ketotrichothecenes Deoxynivalenol, 15-Acetyldeoxynivalenol, 3-Acetyldeoxynivalenol, Fusarenon X, and Nivalenol. <i>Toxicological Sciences</i> , 2013, 131, 279-291.	1.4	40
80	Deoxynivalenol and Fumonisin, Alone or in Combination, Induce Changes on Intestinal Junction Complexes and in E-Cadherin Expression. <i>Toxins</i> , 2013, 5, 2341-2352.	1.5	43
81	Occurrence of Deoxynivalenol and Deoxynivalenol-3-glucoside in Hard Red Spring Wheat Grown in the USA. <i>Toxins</i> , 2013, 5, 2656-2670.	1.5	15
82	Modulation of Inflammatory Gene Expression by the Ribotoxin Deoxynivalenol Involves Coordinate Regulation of the Transcriptome and Translatome. <i>Toxicological Sciences</i> , 2013, 131, 153-163.	1.4	25
83	Peptide YY3â€³6 and 5-Hydroxytryptamine Mediate Emesis Induction by Trichothecene Deoxynivalenol (Vomitoxin). <i>Toxicological Sciences</i> , 2013, 133, 186-195.	1.4	53
84	Evaluation of an Oral Subchronic Exposure of Deoxynivalenol on the Composition of Human Gut Microbiota in a Model of Human Microbiota-Associated Rats. <i>PLoS ONE</i> , 2013, 8, e80578.	1.1	50
85	From the Gut to the Brain: Journey and Pathophysiological Effects of the Food-Associated Trichothecene Mycotoxin Deoxynivalenol. <i>Toxins</i> , 2013, 5, 784-820.	1.5	299
86	Exposure Assessment for Italian Population Groups to Deoxynivalenol Deriving from Pasta Consumption. <i>Toxins</i> , 2013, 5, 2293-2309.	1.5	18
87	The Human Fecal Microbiota Metabolizes Deoxynivalenol and Deoxynivalenol-3-Glucoside and May Be Responsible for Urinary Deepoxy-Deoxynivalenol. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1821-1825.	1.4	111
88	Quantitative trait loci-dependent analysis of a gene co-expression network associated with Fusarium head blight resistance in bread wheat (<i>Triticum aestivum</i> L.). <i>BMC Genomics</i> , 2013, 14, 728.	1.2	105
89	Deoxynivalenol in food and feed: occurrence and exposure. <i>EFSA Journal</i> , 2013, 11, 3379.	0.9	156
90	Biomonitoring study of deoxynivalenol exposure and association with typical cereal consumption in Swedish adults. <i>World Mycotoxin Journal</i> , 2013, 6, 439-448.	0.8	29
92	Deoxynivalenol (DON) sulfonates as major DON metabolites in rats: from identification to biomarker method development, validation and application. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7911-7924.	1.9	33

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93	Usefulness of bovine and porcine IVM/IVF models for reproductive toxicology. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 117.	1.4	74
94	Autophagy and senescence, stress responses induced by the DNA-damaging mycotoxin alternariol. <i>Toxicology</i> , 2014, 326, 119-129.	2.0	42
95	Deoxynivalenol and Oxidative Stress Indicators in Winter Wheat Inoculated with <i>Fusarium graminearum</i> . <i>Toxins</i> , 2014, 6, 575-591.	1.5	31
96	Deoxynivalenol in the Gastrointestinal Tract of Immature Gilts under per os Toxin Application. <i>Toxins</i> , 2014, 6, 973-987.	1.5	36
97	Genetic Relationships, Carbendazim Sensitivity and Mycotoxin Production of the <i>Fusarium Graminearum</i> Populations from Maize, Wheat and Rice in Eastern China. <i>Toxins</i> , 2014, 6, 2291-2309.	1.5	44
98	Methylthio-deoxynivalenol (MTD): insight into the chemistry, structure and toxicity of thia-Michael adducts of trichothecenes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5144.	1.5	20
99	Effects of carbon sources and amines on induction of trichothecene production by <i>Fusarium asiaticum</i> in liquid culture. <i>FEMS Microbiology Letters</i> , 2014, 352, 204-212.	0.7	17
100	Determination of deoxynivalenol and deoxynivalenol-3-glucoside in wheat and barley using liquid chromatography coupled to mass spectrometry: On-line clean-up versus conventional sample preparation techniques. <i>Journal of Chromatography A</i> , 2014, 1374, 31-39.	1.8	13
101	Annual variation of dietary deoxynivalenol exposure during years of different <i>Fusarium</i> prevalence: a pilot biomonitoring study. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 1579-1585.	1.1	32
102	Effect of Deoxynivalenol and Other Type B Trichothecenes on the Intestine: A Review. <i>Toxins</i> , 2014, 6, 1615-1643.	1.5	257
103	Survey of Mycotoxins in Corn Distillers'™ Dried Grains with Solubles from Seventy-Eight Ethanol Plants in Twelve States in the U.S. in 2011. <i>Toxins</i> , 2014, 6, 1155-1168.	1.5	24
104	Mycotoxin exposure in rural residents in northern Nigeria: A pilot study using multi-urinary biomarkers. <i>Environment International</i> , 2014, 66, 138-145.	4.8	129
105	In vitro investigation of toxicological interactions between the fusariotoxins deoxynivalenol and zearalenone. <i>Toxicon</i> , 2014, 84, 1-6.	0.8	41
106	Stability of DON and OTA during the breadmaking process and determination of process and performance criteria. <i>Food Control</i> , 2014, 40, 234-242.	2.8	65
107	Effects of oral exposure to naturally-occurring and synthetic deoxynivalenol congeners on proinflammatory cytokine and chemokine mRNA expression in the mouse. <i>Toxicology and Applied Pharmacology</i> , 2014, 278, 107-115.	1.3	44
108	Determination of Deoxynivalenol in Wheat Bran and Whole-Wheat Flour by Fluorescence Polarization Immunoassay. <i>Food Analytical Methods</i> , 2014, 7, 806-813.	1.3	25
109	Virulence and toxin synthesis of an azole insensitive <i>Fusarium culmorum</i> strain in wheat cultivars with different levels of resistance to fusarium head blight. <i>Plant Pathology</i> , 2014, 63, 1230-1240.	1.2	19
110	Transcriptomic profiling to identify genes involved in <i>Fusarium</i> mycotoxin Deoxynivalenol and Zearalenone tolerance in the mycoparasitic fungus <i>Clonostachys rosea</i> . <i>BMC Genomics</i> , 2014, 15, 55.	1.2	61

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111	The aerobiology of <i>Fusarium graminearum</i> . <i>Aerobiologia</i> , 2014, 30, 123-136.	0.7	67
112	Deoxynivalenol: a trigger for intestinal integrity breakdown. <i>FASEB Journal</i> , 2014, 28, 2414-2429.	0.2	114
113	Dynamic Changes in Ribosome-Associated Proteome and Phosphoproteome During Deoxynivalenol-Induced Translation Inhibition and Ribotoxic Stress. <i>Toxicological Sciences</i> , 2014, 138, 217-233.	1.4	38
114	Mycotoxins in a changing global environment – A review. <i>Food and Chemical Toxicology</i> , 2014, 69, 220-230.	1.8	253
115	Real-time loop-mediated isothermal amplification (LAMP) assay for group specific detection of important trichothecene producing <i>Fusarium</i> species in wheat. <i>International Journal of Food Microbiology</i> , 2014, 177, 117-127.	2.1	24
116	Fungal and bacterial metabolites of stored maize (<i>Zea mays</i> , L.) from five agro-ecological zones of Nigeria. <i>Mycotoxin Research</i> , 2014, 30, 89-102.	1.3	85
117	Stereoselective Luche Reduction of Deoxynivalenol and Three of Its Acetylated Derivatives at C8. <i>Toxins</i> , 2014, 6, 325-336.	1.5	11
118	Phytotoxicity Evaluation of Type B Trichothecenes Using a <i>Chlamydomonas reinhardtii</i> Model System. <i>Toxins</i> , 2014, 6, 453-463.	1.5	15
119	Role of Cholecystokinin in Anorexia Induction Following Oral Exposure to the 8-Ketotrichothecenes Deoxynivalenol, 15-Acetyldeoxynivalenol, 3-Acetyldeoxynivalenol, Fusarenon X, and Nivalenol. <i>Toxicological Sciences</i> , 2014, 138, 278-289.	1.4	36
120	The effects of tributyltin oxide and deoxynivalenol on the transcriptome of the mouse thymoma cell line EL-4. <i>Toxicology Research</i> , 2014, 3, 254-265.	0.9	7
121	Large-scale preparation and multi-dimensional characterization of high-purity mycotoxin deoxynivalenol in rice culture inoculated with <i>Fusarium graminearum</i> . <i>Analytical Methods</i> , 2014, 6, 6651.	1.3	5
122	Metabolism of the masked mycotoxin deoxynivalenol-3-glucoside in pigs. <i>Toxicology Letters</i> , 2014, 229, 190-197.	0.4	140
123	Elimination of damaged mitochondria through mitophagy reduces mitochondrial oxidative stress and increases tolerance to trichothecenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11798-11803.	3.3	82
124	Metabolomics deciphers the host resistance mechanisms in wheat cultivar Sumai-3, against trichothecene producing and non-producing isolates of <i>Fusarium graminearum</i> . <i>Plant Physiology and Biochemistry</i> , 2014, 83, 40-50.	2.8	98
125	Role of oxidative stress in Deoxynivalenol induced toxicity. <i>Food and Chemical Toxicology</i> , 2014, 72, 20-29.	1.8	125
126	Distribution of mycotoxins and risk assessment of maize consumers in five agro-ecological zones of Nigeria. <i>European Food Research and Technology</i> , 2014, 239, 287-296.	1.6	26
127	The fate of deoxynivalenol and ochratoxin A during the breadmaking process, effects of sourdough use and bran content. <i>Food and Chemical Toxicology</i> , 2014, 68, 53-60.	1.8	51
128	Development and validation of an LC-MS/MS method for the toxicokinetic study of deoxynivalenol and its acetylated derivatives in chicken and pig plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 971, 43-51.	1.2	30

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129	In vitro effect of deoxynivalenol (DON) mycotoxin on porcine reproductive and respiratory syndrome virus replication. <i>Food and Chemical Toxicology</i> , 2014, 65, 219-226.	1.8	18
130	Evaluation of deoxynivalenol-induced toxic effects on DF-1 cells in vitro: Cell-cycle arrest, oxidative stress, and apoptosis. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 141-149.	2.0	76
131	Variability of chromosome structure in pathogenic fungi of ends and odds™. <i>Current Opinion in Microbiology</i> , 2014, 20, 19-26.	2.3	78
132	Role of tumor necrosis factor-1 α and interleukin-1 β in anorexia induction following oral exposure to the trichothecene deoxynivalenol (vomitoxin) in the mouse. <i>Journal of Toxicological Sciences</i> , 2014, 39, 875-886.	0.7	22
133	Mycotoxin Exposure and Infant and Young Child Growth in Africa: What Do We Know?. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 42-52.	1.0	78
134	Mycotoxin accumulation and <i>Fusarium graminearum</i> chemotype diversity in winter wheat grown in southwestern Ontario. <i>Canadian Journal of Plant Science</i> , 2015, 95, 931-938.	0.3	19
135	New tricks of an old enemy: isolates of <i>Fusarium graminearum</i> produce a type A trichothecene mycotoxin. <i>Environmental Microbiology</i> , 2015, 17, 2588-2600.	1.8	145
136	Advances in Mycotoxin Research: Public Health Perspectives. <i>Journal of Food Science</i> , 2015, 80, T2970-83.	1.5	43
137	Irciniastatin A Induces Potent and Sustained Activation of Extracellular Signal-Regulated Kinase and Thereby Promotes Ectodomain Shedding of Tumor Necrosis Factor Receptor 1 in Human Lung Carcinoma A549 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 941-946.	0.6	8
138	Transgenic Wheat Expressing a Barley UDP-Glucosyltransferase Detoxifies Deoxynivalenol and Provides High Levels of Resistance to <i>Fusarium graminearum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 1237-1246.	1.4	120
139	Purified deoxynivalenol or feed restriction reduces mortality in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), with experimental bacterial coldwater disease but biologically relevant concentrations of deoxynivalenol do not impair the growth of <i>Flavobacterium psychrophilum</i> . <i>Journal of Fish Diseases</i> , 2015, 38, 809-819.	0.9	18
140	Deoxynivalenol inhibits the expression by goblet cells of intestinal mucins through a PKR and MAP kinase dependent repression of the resistin-like molecule 1 β . <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1076-1087.	1.5	88
141	CURRENT MAIZE PRODUCTION, POSTHARVEST LOSSES AND THE RISK OF MYCOTOXINS CONTAMINATION IN TANZANIA. , 2015, , .		19
142	Metabolic profiles in the response to supplementation with composite antimicrobial peptides in piglets challenged with deoxynivalenol. <i>Journal of Animal Science</i> , 2015, 93, 1114.	0.2	13
143	Mycotoxins in Asia: is China in danger?. <i>Quality Assurance and Safety of Crops and Foods</i> , 2015, 7, 3-25.	1.8	8
144	Mycotoxin mechanisms of action and health impact: "in vitro" or "in vivo" tests, that is the question. <i>World Mycotoxin Journal</i> , 2015, 8, 573-589.	0.8	14
145	Toxicokinetic study and oral bioavailability of deoxynivalenol in turkey poults, and comparative biotransformation between broilers and turkeys. <i>World Mycotoxin Journal</i> , 2015, 8, 533-539.	0.8	28
146	Occurrence of <i>Fusarium langsethiae</i> Strains Isolated from Durum Wheat in Italy. <i>Journal of Phytopathology</i> , 2015, 163, 612-619.	0.5	16

#	ARTICLE	IF	CITATIONS
147	Nivalenol Has a Greater Impact than Deoxynivalenol on Pig Jejunum Mucosa in Vitro on Explants and in Vivo on Intestinal Loops. <i>Toxins</i> , 2015, 7, 1945-1961.	1.5	53
148	A Novel Peptide-Binding Motifs Inference Approach to Understand Deoxynivalenol Molecular Toxicity. <i>Toxins</i> , 2015, 7, 1989-2005.	1.5	32
149	Deoxynivalenol Impairs Weight Gain and Affects Markers of Gut Health after Low-Dose, Short-Term Exposure of Growing Pigs. <i>Toxins</i> , 2015, 7, 2071-2095.	1.5	82
150	Murine Anorectic Response to Deoxynivalenol (Vomitoxin) Is Sex-Dependent. <i>Toxins</i> , 2015, 7, 2845-2859.	1.5	16
151	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. <i>Toxins</i> , 2015, 7, 3112-3126.	1.5	30
152	Deoxynivalenol Exposure Assessment for Pregnant Women in Bangladesh. <i>Toxins</i> , 2015, 7, 3845-3857.	1.5	34
153	High Sensitivity of Aged Mice to Deoxynivalenol (Vomitoxin)-Induced Anorexia Corresponds to Elevated Proinflammatory Cytokine and Satiety Hormone Responses. <i>Toxins</i> , 2015, 7, 4199-4215.	1.5	18
154	Multi-Toxic Endpoints of the Foodborne Mycotoxins in Nematode <i>Caenorhabditis elegans</i> . <i>Toxins</i> , 2015, 7, 5224-5235.	1.5	31
155	The Food Contaminant Mycotoxin Deoxynivalenol Inhibits the Swallowing Reflex in Anaesthetized Rats. <i>PLoS ONE</i> , 2015, 10, e0133355.	1.1	10
156	Risk Assessment of Deoxynivalenol by Revisiting Its Bioavailability in Pig and Rat Models to Establish Which Is More Suitable. <i>Toxins</i> , 2015, 7, 5167-5181.	1.5	13
157	The Food-Associated Ribotoxin Deoxynivalenol Modulates Inducible NO Synthase in Human Intestinal Cell Model. <i>Toxicological Sciences</i> , 2015, 145, 372-382.	1.4	39
158	A Versatile Family 3 Glycoside Hydrolase from <i>Bifidobacterium adolescentis</i> Hydrolyzes β -Glucosides of the Fusarium Mycotoxins Deoxynivalenol, Nivalenol, and HT-2 Toxin in Cereal Matrices. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4885-4893.	1.4	26
159	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. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4745-4755.	1.9	133
160	Potential application of PTR-TOFMS for the detection of deoxynivalenol (DON) in durum wheat. <i>Food Control</i> , 2015, 57, 96-104.	2.8	24
161	Galacto-oligosaccharides Protect the Intestinal Barrier by Maintaining the Tight Junction Network and Modulating the Inflammatory Responses after a Challenge with the Mycotoxin Deoxynivalenol in Human Caco-2 Cell Monolayers and B6C3F1 Mice. <i>Journal of Nutrition</i> , 2015, 145, 1604-1613.	1.3	106
162	The efficacy of anti-mycotoxin feed additives in preventing the adverse effects of wheat naturally contaminated with <i>Fusarium</i> mycotoxins on performance, intestinal barrier function and nutrient digestibility and retention in weanling pigs. <i>Canadian Journal of Animal Science</i> , 2015, 95, 197-209.	0.7	27
163	Joint Transcriptomic and Metabolomic Analyses Reveal Changes in the Primary Metabolism and Imbalances in the Subgenome Orchestration in the Bread Wheat Molecular Response to <i>Fusarium graminearum</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2579-2592.	0.8	45
164	DON Occurrence in Grains: A North American Perspective. <i>Cereal Foods World</i> , 2015, 60, 32-56.	0.7	56

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165	<i>Fusarium graminearum</i> Isolates from Wheat and Maize in New York Show Similar Range of Aggressiveness and Toxigenicity in Cross-Species Pathogenicity Tests. <i>Phytopathology</i> , 2015, 105, 441-448.	1.1	26
166	GC-MS based targeted metabolic profiling identifies changes in the wheat metabolome following deoxynivalenol treatment. <i>Metabolomics</i> , 2015, 11, 722-738.	1.4	117
167	The food born mycotoxin deoxynivalenol induces low-grade inflammation in mice in the absence of observed-adverse effects. <i>Toxicology Letters</i> , 2015, 232, 601-611.	0.4	36
168	Occurrence of <i>Fusarium</i> mycotoxins and their dietary intake through beer consumption by the European population. <i>Food Chemistry</i> , 2015, 178, 149-155.	4.2	81
169	Characterization of the modes of action of deoxynivalenol (DON) in the human Jurkat T-cell line. <i>Journal of Immunotoxicology</i> , 2015, 12, 206-216.	0.9	28
170	Comparison of anorectic potencies of the trichothecenes T-2 toxin, HT-2 toxin and satratoxin G to the ippecac alkaloid emetine. <i>Toxicology Reports</i> , 2015, 2, 238-251.	1.6	28
171	Electrochemiluminescence modified electrodes based on RuSi@Ru(bpy) ₃ ²⁺ loaded with gold functioned nanoporous CO/Co ₃ O ₄ for detection of mycotoxin deoxynivalenol. <i>Biosensors and Bioelectronics</i> , 2015, 70, 28-33.	5.3	29
172	Identification of genes induced by <i>Fusarium graminearum</i> inoculation in the resistant durum wheat line Langdon(Dic-3A)10 and the susceptible parental line Langdon. <i>Microbiological Research</i> , 2015, 177, 53-66.	2.5	7
173	Dysregulation of energy balance by trichothecene mycotoxins: Mechanisms and prospects. <i>NeuroToxicology</i> , 2015, 49, 15-27.	1.4	37
174	Gut Microbiome Modulates Dietary Xenobiotic Toxicity. , 2015, , 119-125.		0
176	<i>Fusarium</i> Mycotoxins and Their Role in Plant-Pathogen Interactions. <i>Fungal Biology</i> , 2015, , 199-233.	0.3	13
177	Biotransformation of the Mycotoxin Deoxynivalenol in <i>Fusarium</i> Resistant and Susceptible Near Isogenic Wheat Lines. <i>PLoS ONE</i> , 2015, 10, e0119656.	1.1	93
178	Systemic <i>E. coli</i> lipopolysaccharide but not deoxynivalenol results in transient leukopenia and diminished metabolic activity of peripheral blood mononuclear cells ex vivo. <i>Mycotoxin Research</i> , 2015, 31, 41-50.	1.3	4
179	Targeting <i>Fusarium graminearum</i> control via polyamine enzyme inhibitors and polyamine analogs. <i>Food Microbiology</i> , 2015, 49, 95-103.	2.1	26
180	Deoxynivalenol (Vomitoxin)-Induced Cholecystokinin and Glucagon-Like Peptide-1 Release in the STC-1 Enteroendocrine Cell Model Is Mediated by Calcium-Sensing Receptor and Transient Receptor Potential Ankyrin-1 Channel. <i>Toxicological Sciences</i> , 2015, 145, 407-417.	1.4	43
181	Individual and combined effects of deoxynivalenol and $\hat{\pm}$ -zearalenol on cell proliferation and steroidogenesis of granulosa cells in cattle. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 722-728.	2.0	26
182	Oral Bioavailability, Hydrolysis, and Comparative Toxicokinetics of 3-Acetyldeoxynivalenol and 15-Acetyldeoxynivalenol in Broiler Chickens and Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8734-8742.	2.4	47
183	Advances in Wheat Genetics: From Genome to Field. , 2015, , .		10

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184	Toxicology of 3-epi-deoxynivalenol, a deoxynivalenol-transformation product by <i>Devosia mutans</i> 17-2-E-8. <i>Food and Chemical Toxicology</i> , 2015, 84, 250-259.	1.8	90
185	Growth performance, serum biochemical profile, jejunal morphology, and the expression of nutrients transporter genes in deoxynivalenol (DON)-challenged growing pigs. <i>BMC Veterinary Research</i> , 2015, 11, 144.	0.7	66
186	Human biomonitoring of multiple mycotoxins in the Belgian population: Results of the BIOMYCO study. <i>Environment International</i> , 2015, 84, 82-89.	4.8	168
187	Host to a Stranger: <i>Arabidopsis</i> and <i>Fusarium</i> Ear Blight. <i>Trends in Plant Science</i> , 2015, 20, 651-663.	4.3	17
188	Deoxynivalenol and its masked forms in food and feed. <i>Current Opinion in Food Science</i> , 2015, 5, 43-49.	4.1	34
189	The mycotoxin alternariol induces DNA damage and modify macrophage phenotype and inflammatory responses. <i>Toxicology Letters</i> , 2015, 239, 9-21.	0.4	41
190	Short Communication: Antioxidant capacity in the intestinal mucosa of weanling piglets fed diets containing <i>Fusarium</i> mycotoxins and the efficacy of commercial supplements sold as detoxifiers. <i>Canadian Journal of Animal Science</i> , 2015, 95, 569-575.	0.7	3
191	In vitro glucuronidation kinetics of deoxynivalenol by human and animal microsomes and recombinant human UGT enzymes. <i>Archives of Toxicology</i> , 2015, 89, 949-960.	1.9	52
192	Effect of the mycotoxin deoxynivalenol on the immune responses of rainbow trout (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	14
193	Mycotoxin Strategies: Impact on Global Health and Wealth. <i>Pharmaceutica Analytica Acta</i> , 2016, 7, .	0.2	2
194	Acetylated Deoxynivalenol Generates Differences of Gene Expression that Discriminate Trichothecene Toxicity. <i>Toxins</i> , 2016, 8, 42.	1.5	12
195	Identification of Pathogenic <i>Fusarium</i> spp. Causing Maize Ear Rot and Potential Mycotoxin Production in China. <i>Toxins</i> , 2016, 8, 186.	1.5	68
196	Susceptibility of Broiler Chickens to Coccidiosis When Fed Subclinical Doses of Deoxynivalenol and Fumonisinâ€”Special Emphasis on the Immunological Response and the Mycotoxin Interaction. <i>Toxins</i> , 2016, 8, 231.	1.5	36
197	Hydrolytic Fate of 3/15-Acetyldeoxynivalenol in Humans: Specific Deacetylation by the Small Intestine and Liver Revealed Using in Vitro and ex Vivo Approaches. <i>Toxins</i> , 2016, 8, 232.	1.5	39
198	Aerobic De-Epoxydation of Trichothecene Mycotoxins by a Soil Bacterial Consortium Isolated Using In Situ Soil Enrichment. <i>Toxins</i> , 2016, 8, 277.	1.5	31
199	Pentahydroxyscirpeneâ€”Producing Strains, Formation In Planta, and Natural Occurrence. <i>Toxins</i> , 2016, 8, 295.	1.5	1
200	Deoxynivalenol and Its Modified Forms: Are There Major Differences?. <i>Toxins</i> , 2016, 8, 334.	1.5	39
201	Detoxification of Deoxynivalenol via Glycosylation Represents Novel Insights on Antagonistic Activities of <i>Trichoderma</i> when Confronted with <i>Fusarium graminearum</i> . <i>Toxins</i> , 2016, 8, 335.	1.5	72

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202	Functional Agents to Biologically Control Deoxynivalenol Contamination in Cereal Grains. <i>Frontiers in Microbiology</i> , 2016, 7, 395.	1.5	49
203	Bacterial Epimerization as a Route for Deoxynivalenol Detoxification: the Influence of Growth and Environmental Conditions. <i>Frontiers in Microbiology</i> , 2016, 7, 572.	1.5	69
204	The progression of deoxynivalenol-induced growth suppression in nursery pigs and the potential of an algae-modified montmorillonite clay to mitigate these effects ¹² . <i>Journal of Animal Science</i> , 2016, 94, 3746-3759.	0.2	10
205	A <i>Brachypodium</i> UDP-Glycosyltransferase Confers Root Tolerance to Deoxynivalenol and Resistance to <i>Fusarium</i> Infection. <i>Plant Physiology</i> , 2016, 172, 559-574.	2.3	81
206	Simultaneous and rapid determination of deoxynivalenol and its acetylate derivatives in wheat flour and rice by ultra high performance liquid chromatography with photo diode array detection. <i>Journal of Separation Science</i> , 2016, 39, 2028-2035.	1.3	20
207	Diets containing corn naturally contaminated with deoxynivalenol reduces the susceptibility of rainbow trout (<i>Oncorhynchus mykiss</i>) to experimental <i>Flavobacterium psychrophilum</i> infection. <i>Aquaculture Research</i> , 2016, 47, 787-796.	0.9	19
208	Effect of preceding crop on <i>Fusarium</i> species and mycotoxin contamination of wheat grains. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 4536-4541.	1.7	25
209	Pathogenicity of <i>Fusarium graminearum</i> and <i>F. meridionale</i> on soybean pod blight and trichothecene accumulation. <i>Plant Pathology</i> , 2016, 65, 1492-1497.	1.2	18
210	Composition and toxigenic potential of the <i>Fusarium graminearum</i> species complex from maize ears, stalks and stubble in Brazil. <i>Plant Pathology</i> , 2016, 65, 1185-1191.	1.2	39
211	Temporal dynamics, population characterization and mycotoxins accumulation of <i>Fusarium graminearum</i> in Eastern China. <i>Scientific Reports</i> , 2016, 6, 36350.	1.6	10
212	Identification of a novel human deoxynivalenol metabolite enhancing proliferation of intestinal and urinary bladder cells. <i>Scientific Reports</i> , 2016, 6, 33854.	1.6	40
213	Mycotoxins in Food and Feed: A Challenge for the Twenty-First Century. <i>Fungal Biology</i> , 2016, , 469-493.	0.3	6
214	Separation and purification of deoxynivalenol (DON) mycotoxin from wheat culture using a simple two-step silica gel column chromatography. <i>Journal of Integrative Agriculture</i> , 2016, 15, 694-701.	1.7	11
215	Assessment of potential adjuvanticity of Cry proteins. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 79, 149-155.	1.3	10
216	Toxicology of deoxynivalenol and its acetylated and modified forms. <i>Archives of Toxicology</i> , 2016, 90, 2931-2957.	1.9	232
217	Ribosome quality control is a central protection mechanism for yeast exposed to deoxynivalenol and trichothecin. <i>BMC Genomics</i> , 2016, 17, 417.	1.2	23
218	Crystal Structure of Os79 (Os04g0206600) from <i>Oryza sativa</i> : A UDP-glucosyltransferase Involved in the Detoxification of Deoxynivalenol. <i>Biochemistry</i> , 2016, 55, 6175-6186.	1.2	49
219	Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry imaging of ochratoxin A and fumonisins in mold-infected food. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2508-2516.	0.7	13

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220	Establishment of SV40 large T antigen-immortalized bovine liver sinusoidal cell lines and their immunological responses to deoxynivalenol and lipopolysaccharide. <i>Cell Biology International</i> , 2016, 40, 1372-1379.	1.4	5
221	A Deoxynivalenol-Activated Methionyl-tRNA Synthetase Gene from Wheat Encodes a Nuclear Localized Protein and Protects Plants Against <i>Fusarium</i> Pathogens and Mycotoxins. <i>Phytopathology</i> , 2016, 106, 614-623.	1.1	12
222	Reactive oxygen species and antioxidant system responses in wheat cultivars during interaction with <i>Fusarium</i> species. <i>Australasian Plant Pathology</i> , 2016, 45, 653-670.	0.5	23
223	Effects of chronic deoxynivalenol exposure on p53 heterozygous and p53 homozygous mice. <i>Food and Chemical Toxicology</i> , 2016, 96, 24-34.	1.8	12
224	Assessment of deoxynivalenol exposure among Bangladeshi and German adults by a biomarker-based approach. <i>Toxicology Letters</i> , 2016, 258, 20-28.	0.4	35
225	Microbial biotransformation of DON: molecular basis for reduced toxicity. <i>Scientific Reports</i> , 2016, 6, 29105.	1.6	128
226	Multidetector of urinary ochratoxin A, deoxynivalenol and its metabolites: pilot time-course study and risk assessment in Catalonia, Spain. <i>World Mycotoxin Journal</i> , 2016, 9, 597-612.	0.8	23
227	Type B trichothecenes-the relationship between slight structural changes and toxicity. <i>Mycotoxins</i> , 2016, 66, 45-55.	0.2	0
228	The metabolic responses of HepG2 cells to the exposure of mycotoxin deoxynivalenol. <i>World Mycotoxin Journal</i> , 2016, 9, 577-586.	0.8	8
229	Impact of two mycotoxins deoxynivalenol and fumonisin on pig intestinal health. <i>Porcine Health Management</i> , 2016, 2, 21.	0.9	103
230	Biomonitoring of Mycotoxins in Human Breast Milk: Current State and Future Perspectives. <i>Chemical Research in Toxicology</i> , 2016, 29, 1087-1097.	1.7	77
231	Occurrence of deoxynivalenol in wheat flour, instant noodle and biscuits commercialised in Brazil. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2016, 9, 251-255.	1.3	18
232	Suppressed recombination and unique candidate genes in the divergent haplotype encoding Fhb1, a major <i>Fusarium</i> head blight resistance locus in wheat. <i>Theoretical and Applied Genetics</i> , 2016, 129, 1607-1623.	1.8	103
233	Anorexic action of deoxynivalenol in hypothalamus and intestine. <i>Toxicol</i> , 2016, 118, 54-60.	0.8	19
234	Deoxynivalenol inhibits proliferation and induces apoptosis in human umbilical vein endothelial cells. <i>Environmental Toxicology and Pharmacology</i> , 2016, 43, 232-241.	2.0	19
235	Magnetic nanoparticles replacing microplate as immobile phase could greatly improve the sensitivity of chemiluminescence enzymatic immunoassay for deoxynivalenol. <i>Food Control</i> , 2016, 60, 500-504.	2.8	28
236	Preparation and Characterization of Cysteine Adducts of Deoxynivalenol. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4777-4785.	2.4	12
237	An antibody that confers plant disease resistance targets a membrane-bound glyoxal oxidase in <i>Fusarium</i> . <i>New Phytologist</i> , 2016, 210, 997-1010.	3.5	23

#	ARTICLE	IF	CITATIONS
238	The mycotoxins deoxynivalenol and nivalenol show in vivo synergism on jejenum enterocytes apoptosis. <i>Food and Chemical Toxicology</i> , 2016, 87, 45-54.	1.8	30
239	Complete genome sequence of deoxynivalenol-degrading bacterium <i>Devosia</i> sp. strain A16. <i>Journal of Biotechnology</i> , 2016, 218, 21-22.	1.9	13
240	Impact of mycotoxin on immune response and consequences for pig health. <i>Animal Nutrition</i> , 2016, 2, 63-68.	2.1	122
241	Deoxynivalenol exposure induces autophagy/apoptosis and epigenetic modification changes during porcine oocyte maturation. <i>Toxicology and Applied Pharmacology</i> , 2016, 300, 70-76.	1.3	105
242	Effect of deoxynivalenol detoxification by ozone treatment in wheat grains. <i>Food Control</i> , 2016, 66, 137-144.	2.8	57
243	Most Common Foodborne Pathogens and Mycotoxins on Fresh Produce: A Review of Recent Outbreaks. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 1532-1544.	5.4	131
244	In vitro effects of deoxynivalenol and zearalenone major metabolites alone and combined, on cell proliferation, steroid production and gene expression in bovine small-follicle granulosa cells. <i>Toxicology</i> , 2016, 109, 70-83.	0.8	46
245	Non-synergistic cytotoxic effects of <i>Fusarium</i> and <i>Alternaria</i> toxin combinations in Caco-2 cells. <i>Toxicology Letters</i> , 2016, 241, 1-8.	0.4	59
246	Evaluation of <i>Fusarium graminearum</i> inoculation methods in maize ears and hybrid reaction to <i>Gibberella</i> ear rot under southern Brazilian environmental conditions. <i>European Journal of Plant Pathology</i> , 2016, 144, 45-53.	0.8	12
247	Intestinal toxicity of the masked mycotoxin deoxynivalenol-3- β -D-glucoside. <i>Archives of Toxicology</i> , 2016, 90, 2037-2046.	1.9	95
248	Emetic responses to T-2 toxin, HT-2 toxin and emetine correspond to plasma elevations of peptide YY3-36 and 5-hydroxytryptamine. <i>Archives of Toxicology</i> , 2016, 90, 997-1007.	1.9	30
249	Characterizing microbiota-independent effects of oligosaccharides on intestinal epithelial cells: insight into the role of structure and size. <i>European Journal of Nutrition</i> , 2017, 56, 1919-1930.	1.8	73
250	Potential roles for calcium-sensing receptor (CaSR) and transient receptor potential ankyrin-1 (TRPA1) in murine anorectic response to deoxynivalenol (vomitoxin). <i>Archives of Toxicology</i> , 2017, 91, 495-507.	1.9	31
251	In vivo contribution of deoxynivalenol-3- β -D-glucoside to deoxynivalenol exposure in broiler chickens and pigs: oral bioavailability, hydrolysis and toxicokinetics. <i>Archives of Toxicology</i> , 2017, 91, 699-712.	1.9	75
252	Efficacy of Ozone Treatment on Mycotoxins and Fungal Reduction in Artificially Contaminated Soft Wheat Grains. <i>Journal of Food Processing and Preservation</i> , 2017, 41, e12927.	0.9	51
253	Mitochondrial functions of THP-1 monocytes following the exposure to selected natural compounds. <i>Toxicology</i> , 2017, 377, 57-63.	2.0	26
254	Current and prospective sights in mechanism of deoxynivalenol-induced emesis for future scientific study and clinical treatment. <i>Journal of Applied Toxicology</i> , 2017, 37, 784-791.	1.4	9
255	Individual and combined effects of Aflatoxin B ₁ , Deoxynivalenol and Zearalenone on HepG2 and RAW 264.7 cell lines. <i>Food and Chemical Toxicology</i> , 2017, 103, 18-27.	1.8	65

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256	Multi-mycotoxin determination in barley and derived products from Tunisia and estimation of their dietary intake. <i>Food and Chemical Toxicology</i> , 2017, 103, 148-156.	1.8	69
257	Evaluation of the efficacy of a commercial feed additive against the adverse effects of feed-borne deoxynivalenol (DON) on the performance of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2017, 473, 237-245.	1.7	14
258	The Food Contaminant Deoxynivalenol Exacerbates the Genotoxicity of Gut Microbiota. <i>MBio</i> , 2017, 8, .	1.8	60
259	Trichothecene genotypes, chemotypes and zearalenone production by <i>Fusarium graminearum</i> species complex strains causing <i>Fusarium</i> head blight in Argentina during an epidemic and non-epidemic season. <i>Tropical Plant Pathology</i> , 2017, 42, 190-196.	0.8	14
260	Co-exposure to low doses of the food contaminants deoxynivalenol and nivalenol has a synergistic inflammatory effect on intestinal explants. <i>Archives of Toxicology</i> , 2017, 91, 2677-2687.	1.9	71
261	Role of Glucagon-Like Peptide-1 and Gastric Inhibitory Peptide in Anorexia Induction Following Oral Exposure to the Trichothecene Mycotoxin Deoxynivalenol (Vomitoxin). <i>Toxicological Sciences</i> , 2017, 159, 16-24.	1.4	16
262	Perspectives on the specific targeting of <i>Fusarium graminearum</i> for the development of alternative head blight treatment approaches. <i>Plant Pathology</i> , 2017, 66, 1391-1403.	1.2	10
263	Impact of mycotoxins on the intestine: are mucus and microbiota new targets?. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017, 20, 249-275.	2.9	141
264	Combined effects of deoxynivalenol and zearalenone on oxidative injury and apoptosis in porcine splenic lymphocytes in vitro. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 612-617.	2.1	37
265	Computational prediction of immune cell cytotoxicity. <i>Food and Chemical Toxicology</i> , 2017, 107, 150-166.	1.8	23
266	Time-course expression QTL atlas of the global transcriptional response of wheat to <i>Fusarium graminearum</i> . <i>Plant Biotechnology Journal</i> , 2017, 15, 1453-1464.	4.1	32
267	qPCR assessment of aurofusarin gene expression in mycotoxigenic <i>Fusarium</i> species challenged with mycoparasitic and chemical control agents. <i>Biological Control</i> , 2017, 109, 51-57.	1.4	8
268	In silico analysis sheds light on the structural basis underlying the ribotoxicity of trichothecenes – A tool for supporting the hazard identification process. <i>Toxicology Letters</i> , 2017, 270, 80-87.	0.4	28
269	Structural reorganization of the fungal endoplasmic reticulum upon induction of mycotoxin biosynthesis. <i>Scientific Reports</i> , 2017, 7, 44296.	1.6	71
270	Genetic mapping and haplotype analysis of a locus for quantitative resistance to <i>Fusarium graminearum</i> in soybean accession PI 567516C. <i>Theoretical and Applied Genetics</i> , 2017, 130, 999-1010.	1.8	35
271	Occurrence of deoxynivalenol and deoxynivalenol-3-glucoside in durum wheat from Argentina. <i>Food Chemistry</i> , 2017, 230, 728-734.	4.2	71
272	Evaluation of deoxynivalenol-induced toxic effects on mouse endometrial stromal cells: Cell apoptosis and cell cycle. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 572-577.	1.0	24
273	<i>Fusarium</i> Species and Their Associated Mycotoxins. <i>Methods in Molecular Biology</i> , 2017, 1542, 51-106.	0.4	127

#	ARTICLE	IF	CITATIONS
274	Deoxynivalenol induces toxic effects in the ovaries of pigs: An ex vivo approach. <i>Theriogenology</i> , 2017, 90, 94-100.	0.9	25
275	A Concise History of Mycotoxin Research. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7021-7033.	2.4	175
276	Preliminary results on the interactive effects of deoxynivalenol, zearalenone and fumonisin B1 on porcine lymphocytes. <i>Acta Veterinaria Hungarica</i> , 2017, 65, 340-353.	0.2	11
277	Gut satiety hormones cholecystokinin and glucagon-like Peptide-17-36 amide mediate anorexia induction by trichothecenes T-2 toxin, HT-2 toxin, diacetoxyscirpenol and neosolaniol. <i>Toxicology and Applied Pharmacology</i> , 2017, 335, 49-55.	1.3	12
278	Microbial Secondary Metabolites and Knowledge on Inhalation Effects. , 2017, , 213-234.		7
279	Combined toxicity of prevalent mycotoxins studied in fish cell line and zebrafish larvae revealed that type of interactions is dose-dependent. <i>Aquatic Toxicology</i> , 2017, 193, 60-71.	1.9	33
280	The influence of deoxynivalenol and zearalenone on steroid hormone production by porcine ovarian granulosa cells <i>in vitro</i> . <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 823-832.	0.7	16
281	Effect of deoxynivalenol on the levels of toll-like receptors 2 and 9 and their mRNA expression in enterocytes in the porcine large intestine: a preliminary study. <i>Polish Journal of Veterinary Sciences</i> , 2017, 20, 213-220.	0.2	6
282	An aldo-keto reductase is responsible for Fusarium toxin-degrading activity in a soil <i>Sphingomonas</i> strain. <i>Scientific Reports</i> , 2017, 7, 9549.	1.6	67
283	QuEChERS extraction followed by enzyme-linked immunosorbent assay for determination of deoxynivalenol and zearalenone in cereals. <i>Food and Agricultural Immunology</i> , 2017, 28, 1477-1495.	0.7	17
284	Carrier-Mediated and Energy-Dependent Uptake and Efflux of Deoxynivalenol in Mammalian Cells. <i>Scientific Reports</i> , 2017, 7, 5889.	1.6	20
285	The enzymatic epimerization of deoxynivalenol by <i>Devosia</i> mutans proceeds through the formation of 3-keto-DON intermediate. <i>Scientific Reports</i> , 2017, 7, 6929.	1.6	50
286	Synthesis of Isotope Labeled Deoxynivalenol ^{15}O Glycosides. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 7012-7018.	1.2	2
287	Determinants and Expansion of Specificity in a Trichothecene UDP-Glucosyltransferase from <i>Oryza sativa</i> . <i>Biochemistry</i> , 2017, 56, 6585-6596.	1.2	30
288	Trichothecenes: immunomodulatory effects, mechanisms, and anti-cancer potential. <i>Archives of Toxicology</i> , 2017, 91, 3737-3785.	1.9	91
289	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. <i>Archives of Toxicology</i> , 2017, 91, 3857-3872.	1.9	34
290	Candidate gene based association mapping in <i>Fusarium culmorum</i> for field quantitative pathogenicity and mycotoxin production in wheat. <i>BMC Genetics</i> , 2017, 18, 49.	2.7	14
291	Microbial detoxification of eleven food and feed contaminating trichothecene mycotoxins. <i>BMC Biotechnology</i> , 2017, 17, 30.	1.7	32

#	ARTICLE	IF	CITATIONS
292	Comparison of Data from a Single-Analyte and a Multianalyte Method for Determination of Urinary Total Deoxynivalenol in Human Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7115-7120.	2.4	5
293	Deoxynivalenol and its metabolite deepoxy-deoxynivalenol: multi-parameter analysis for the evaluation of cytotoxicity and cellular effects. <i>Mycotoxin Research</i> , 2017, 33, 25-37.	1.3	50
294	Synergistic estrogenic effects of Fusarium and Alternaria mycotoxins in vitro. <i>Archives of Toxicology</i> , 2017, 91, 1447-1460.	1.9	103
295	Gender and geographical variability in the exposure pattern and metabolism of deoxynivalenol in humans: a review. <i>Journal of Applied Toxicology</i> , 2017, 37, 60-70.	1.4	26
296	The intestinal barrier as an emerging target in the toxicological assessment of mycotoxins. <i>Archives of Toxicology</i> , 2017, 91, 1007-1029.	1.9	143
297	QTL mapping of Fusarium head blight resistance in three related durum wheat populations. <i>Theoretical and Applied Genetics</i> , 2017, 130, 13-27.	1.8	68
298	Calcium-Sensing Receptor and Transient Receptor Ankyrin-1 Mediate Emesis Induction by Deoxynivalenol (Vomitoxin). <i>Toxicological Sciences</i> , 2017, 155, 32-42.	1.4	22
299	Impact of Mycotoxins on Aquaculture Fish Species: A Review. <i>Journal of the World Aquaculture Society</i> , 2017, 48, 186-200.	1.2	52
300	Identification, virulence factors characterization, pathogenicity and aggressiveness analysis of Fusarium spp., causing wheat head blight in Iran. <i>European Journal of Plant Pathology</i> , 2017, 147, 897-918.	0.8	29
301	Protective Effect of <i>Saccharomyces boulardii</i> on Deoxynivalenol-Induced Injury of Porcine Macrophage via Attenuating p38 MAPK Signal Pathway. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 411-427.	1.4	18
302	Natural occurrence of deoxynivalenol and deoxynivalenol-3-glucoside in various wheat cultivars grown in Jiangsu province, China. <i>World Mycotoxin Journal</i> , 2017, 10, 285-293.	0.8	20
303	Deoxynivalenol in the liver and lymphoid organs of rats: effects of dose and duration on immunohistological changes. <i>World Mycotoxin Journal</i> , 2017, 10, 89-96.	0.8	19
304	Do Plant-Bound Masked Mycotoxins Contribute to Toxicity?. <i>Toxins</i> , 2017, 9, 85.	1.5	44
305	Modification of the Mycotoxin Deoxynivalenol Using Microorganisms Isolated from Environmental Samples. <i>Toxins</i> , 2017, 9, 141.	1.5	18
306	Microbial Detoxification of Deoxynivalenol (DON), Assessed via a Lemna minor L. Bioassay, through Biotransformation to 3-epi-DON and 3-epi-DOM-1. <i>Toxins</i> , 2017, 9, 63.	1.5	25
307	Individual and Combined Cytotoxic Effects of Co-Occurring Deoxynivalenol Family Mycotoxins on Human Gastric Epithelial Cells. <i>Toxins</i> , 2017, 9, 96.	1.5	40
308	Mycotoxin Biotransformation by Native and Commercial Enzymes: Present and Future Perspectives. <i>Toxins</i> , 2017, 9, 111.	1.5	148
309	Embryotoxicity Caused by DON-Induced Oxidative Stress Mediated by Nrf2/HO-1 Pathway. <i>Toxins</i> , 2017, 9, 188.	1.5	34

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310	Deoxynivalenol Biomarkers in the Urine of UK Vegetarians. <i>Toxins</i> , 2017, 9, 196.	1.5	16
311	Chronic Exposure to the Fusarium Mycotoxin Deoxynivalenol: Impact on Performance, Immune Organ, and Intestinal Integrity of Slow-Growing Chickens. <i>Toxins</i> , 2017, 9, 334.	1.5	48
312	Primary and Immortalized Human Respiratory Cells Display Different Patterns of Cytotoxicity and Cytokine Release upon Exposure to Deoxynivalenol, Nivalenol and Fusarenon-X. <i>Toxins</i> , 2017, 9, 337.	1.5	19
313	Systemic and Multi-Organ Diseases. , 2017, , 2002-2214.		0
314	Plasma-Based Degradation of Mycotoxins Produced by Fusarium, Aspergillus and Alternaria Species. <i>Toxins</i> , 2017, 9, 97.	1.5	110
315	Barley: Grain-Quality Characteristics and Management of Quality Requirements. , 2017, , 195-234.		11
316	Mycotoxin profiling of 1000 beer samples with a special focus on craft beer. <i>PLoS ONE</i> , 2017, 12, e0185887.	1.1	75
317	Mycotoxin binder improves growth rate in piglets associated with reduction of toll-like receptor-4 and increase of tight junction protein gene expression in gut mucosa. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 80.	2.1	22
318	Effects of deoxynivalenol (DON) and its microbial biotransformation product deepoxy-deoxynivalenol (DOM-1) on a trout, pig, mouse, and human cell line. <i>Mycotoxin Research</i> , 2017, 33, 297-308.	1.3	49
319	Forthcoming Challenges in Mycotoxins Toxicology Research for Safer Food—A Need for Multi-Omics Approach. <i>Toxins</i> , 2017, 9, 18.	1.5	46
320	Addressing the mycotoxin deoxynivalenol contamination with soil-derived bacterial and enzymatic transformations targeting the C3 carbon. <i>World Mycotoxin Journal</i> , 2018, 11, 101-112.	0.8	16
321	Risk assessment of deoxynivalenol in high-risk area of China by human biomonitoring using an improved high throughput UPLC-MS/MS method. <i>Scientific Reports</i> , 2018, 8, 3901.	1.6	38
322	Human milk AFM₁, OTA, and DON evaluation by liquid chromatography tandem mass spectrometry and their relation to the Southern Brazil nursing mothers' diet. <i>Journal of Food Safety</i> , 2018, 38, e12452.	1.1	8
323	Trans-/multi-generational effects of deoxynivalenol on <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2018, 201, 41-49.	4.2	17
324	Deoxynivalenol impairs proliferation and induces apoptosis in primary murine osteoblasts. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 214-227.	0.6	1
325	Humans significantly metabolize and excrete the mycotoxin deoxynivalenol and its modified form deoxynivalenol-3-glucoside within 24 hours. <i>Scientific Reports</i> , 2018, 8, 5255.	1.6	85
326	Rapid prediction of deoxynivalenol contamination in wheat bran by MOS–based electronic nose and characterization of the relevant pattern of volatile compounds. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 4955-4962.	1.7	23
327	Deoxynivalenol as potential modulator of human steroidogenesis. <i>Journal of Applied Toxicology</i> , 2018, 38, 1450-1459.	1.4	29

#	ARTICLE	IF	CITATIONS
328	Mycotoxins and oxidative stress: where are we?. World Mycotoxin Journal, 2018, 11, 113-134.	0.8	107
329	Using acid and alkaline electrolyzed water to reduce deoxynivalenol and mycological contaminations in wheat grains. Food Control, 2018, 88, 98-104.	2.8	26
330	Analysis of the interactions between environmental and food contaminants, cadmium and deoxynivalenol, in different target organs. Science of the Total Environment, 2018, 622-623, 841-848.	3.9	24
331	Deoxynivalenol, gut microbiota and immunotoxicity: A potential approach?. Food and Chemical Toxicology, 2018, 112, 342-354.	1.8	96
332	Fusarium Mycotoxin: Toxicity and Detection. Toxinology, 2018, , 465-494.	0.2	3
333	Regional differences in the composition of Fusarium Head Blight pathogens and mycotoxins associated with wheat in Mexico. International Journal of Food Microbiology, 2018, 273, 11-19.	2.1	34
334	Mycotoxins in infant/toddler foods and breakfast cereals in the US retail market. Food Additives and Contaminants: Part B Surveillance, 2018, 11, 183-190.	1.3	40
335	Molecular Mapping of Fusarium Head Blight Resistance in the Spring Wheat Line ND2710. Phytopathology, 2018, 108, 972-979.	1.1	32
336	Role of P-glycoprotein in deoxynivalenol-mediated in vitro toxicity. Toxicology Letters, 2018, 284, 21-28.	0.4	17
337	In vitro co-culture models to evaluate acute cytotoxicity of individual and combined mycotoxin exposures on Caco-2, THP-1 and HepaRG human cell lines. Chemico-Biological Interactions, 2018, 281, 51-59.	1.7	31
338	Protective capabilities of silymarin and inulin nanoparticles against hepatic oxidative stress, genotoxicity and cytotoxicity of Deoxynivalenol in rats. Toxicon, 2018, 142, 1-13.	0.8	34
339	Porcine Small and Large Intestinal Microbiota Rapidly Hydrolyze the Masked Mycotoxin Deoxynivalenol-3-Glucoside and Release Deoxynivalenol in Spiked Batch Cultures <i>In Vitro</i>. Applied and Environmental Microbiology, 2018, 84, .	1.4	30
340	A high proportion of NX-2 genotype strains are found among Fusarium graminearum isolates from northeastern New York State. European Journal of Plant Pathology, 2018, 150, 791-796.	0.8	29
341	Individual and combined effects of Fusarium toxins on apoptosis in PK15 cells and the protective role of N-acetylcysteine. Food and Chemical Toxicology, 2018, 111, 27-43.	1.8	42
342	The enzymatic detoxification of the mycotoxin deoxynivalenol: identification of DepA from the DON epimerization pathway. Microbial Biotechnology, 2018, 11, 1106-1111.	2.0	73
343	Traditional processing impacts mycotoxin levels and nutritional value of ogi â€œ A maize-based complementary food. Food Control, 2018, 86, 224-233.	2.8	36
344	Environmental contaminants and childâ€™s growth. Journal of Developmental Origins of Health and Disease, 2018, 9, 632-641.	0.7	12
345	Risk to human and animal health related to the presence of 4,15â€œdiacetyloxyscirpenol in food and feed. EFSA Journal, 2018, 16, e05367.	0.9	16

#	ARTICLE	IF	CITATIONS
346	An Efficient Gas Chromatography-Mass Spectrometry Approach for the Simultaneous Analysis of Deoxynivalenol and Its Bacterial Metabolites 3-keto-DON and 3-epi-DON. <i>Journal of Food Protection</i> , 2018, 81, 233-239.	0.8	6
347	Transfer of Deoxynivalenol (DON) through Placenta, Colostrum and Milk from Sows to Their Offspring during Late Gestation and Lactation. <i>Toxins</i> , 2018, 10, 517.	1.5	10
348	Deoxynivalenol induces toxicity and apoptosis in piglet hippocampal nerve cells via the MAPK signaling pathway. <i>Toxicon</i> , 2018, 155, 1-8.	0.8	37
349	Dietary deoxynivalenol and oral lipopolysaccharide challenge differently affect intestinal innate immune response and barrier function in broiler chickens ¹ . <i>Journal of Animal Science</i> , 2018, 96, 5134-5143.	0.2	16
350	In silico and in vitro prediction of the toxicological effects of individual and combined mycotoxins. <i>Food and Chemical Toxicology</i> , 2018, 122, 194-202.	1.8	8
351	Oxidative Damage and Nrf2 Translocation Induced by Toxicities of Deoxynivalenol on the Placental and Embryo on Gestation Day 12.5 d and 18.5 d. <i>Toxins</i> , 2018, 10, 370.	1.5	12
352	Ultrasensitive detection of T-2 toxin in food based on bio-barcode and rolling circle amplification. <i>Analytica Chimica Acta</i> , 2018, 1043, 98-106.	2.6	37
353	Review article: Role of satiety hormones in anorexia induction by Trichothecene mycotoxins. <i>Food and Chemical Toxicology</i> , 2018, 121, 701-714.	1.8	38
354	Intestinal toxicity of deoxynivalenol is limited by supplementation with <i>Lactobacillus plantarum</i> JM113 and consequentially altered gut microbiota in broiler chickens. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 74.	2.1	65
355	Immune Evasion, a Potential Mechanism of Trichothecenes: New Insights into Negative Immune Regulations. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3307.	1.8	23
356	Protective effects of <i>Devosia</i> sp. ANSB714 on growth performance, immunity function, antioxidant capacity and tissue residues in growing-finishing pigs fed with deoxynivalenol contaminated diets. <i>Food and Chemical Toxicology</i> , 2018, 121, 246-251.	1.8	20
357	Silencing efficiency of dsRNA fragments targeting <i>Fusarium graminearum</i> TRI6 and patterns of small interfering RNA associated with reduced virulence and mycotoxin production. <i>PLoS ONE</i> , 2018, 13, e0202798.	1.1	25
358	Deepoxy-deoxynivalenol retains some immune-modulatory properties of the parent molecule deoxynivalenol in piglets. <i>Archives of Toxicology</i> , 2018, 92, 3381-3389.	1.9	30
359	The Mycotox Charter: Increasing Awareness of, and Concerted Action for, Minimizing Mycotoxin Exposure Worldwide. <i>Toxins</i> , 2018, 10, 149.	1.5	57
360	Transcription Factor FOXO3a Is a Negative Regulator of Cytotoxicity of <i>Fusarium</i> mycotoxin in GES-1 Cells. <i>Toxicological Sciences</i> , 2018, 166, 370-381.	1.4	14
361	Prediction of deoxynivalenol toxicokinetics in humans by in vitro-to-in vivo extrapolation and allometric scaling of in vivo animal data. <i>Archives of Toxicology</i> , 2018, 92, 2195-2216.	1.9	25
362	Hyperspectral quantification of wheat resistance to <i>Fusarium</i> head blight: comparison of two <i>Fusarium</i> species. <i>European Journal of Plant Pathology</i> , 2018, 152, 869-884.	0.8	50
363	Occurrence of deoxynivalenol (DON) in cereal-based food products marketed through e-commerce stores and an assessment of dietary exposure of Chinese consumers to DON. <i>Food Control</i> , 2018, 92, 391-398.	2.8	21

#	ARTICLE	IF	CITATIONS
364	Mycotoxin exposure and adverse reproductive health outcomes in Africa: a review. <i>World Mycotoxin Journal</i> , 2018, 11, 321-339.	0.8	24
365	Anorectic responses to T-2 toxin, HT-2 toxin, diacetoxyscirpenol and neosolaniol correspond to plasma elevations of neurotransmitters 5-hydroxytryptamine and substance P. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 451-458.	2.9	10
366	Chapter 8 Antioxidant-prooxidant balance in the gut. , 2018, , 369-409.		0
367	A peptide/maltose-binding protein fusion protein used to replace the traditional antigen for immunological detection of deoxynivalenol in food and feed. <i>Food Chemistry</i> , 2018, 268, 242-248.	4.2	26
368	Simultaneous determination of aflatoxin B1, fumonisin B1 and deoxynivalenol in beer samples with a label-free monolithically integrated optoelectronic biosensor. <i>Journal of Hazardous Materials</i> , 2018, 359, 445-453.	6.5	41
369	Transcriptional and Proteomic Analysis Revealed a Synergistic Effect of Aflatoxin M1 and Ochratoxin A Mycotoxins on the Intestinal Epithelial Integrity of Differentiated Human Caco-2 Cells. <i>Journal of Proteome Research</i> , 2018, 17, 3128-3142.	1.8	22
370	MFS Transporters and GABA Metabolism Are Involved in the Self-Defense Against DON in <i>Fusarium graminearum</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 438.	1.7	24
371	Food-Borne Mycotoxicoses: Pathologies and Public Health Impact. , 2018, , 239-274.		1
372	Deoxynivalenol induces structural alterations in epidermoid carcinoma cells A431 and impairs the response to biomechanical stimulation. <i>Scientific Reports</i> , 2018, 8, 11351.	1.6	16
373	Assessment of Urinary Deoxynivalenol Biomarkers in UK Children and Adolescents. <i>Toxins</i> , 2018, 10, 50.	1.5	37
374	Toxicodynamics of Mycotoxins in the Framework of Food Risk Assessment – An In Silico Perspective. <i>Toxins</i> , 2018, 10, 52.	1.5	29
375	Biocontrol of <i>Fusarium graminearum sensu stricto</i> , Reduction of Deoxynivalenol Accumulation and Phytohormone Induction by Two Selected Antagonists. <i>Toxins</i> , 2018, 10, 88.	1.5	49
376	Effects of High Levels of Deoxynivalenol and Zearalenone on Growth Performance, and Hematological and Immunological Parameters in Pigs. <i>Toxins</i> , 2018, 10, 114.	1.5	59
377	Long-Term Occurrence of Deoxynivalenol in Feed and Feed Raw Materials with a Special Focus on South Korea. <i>Toxins</i> , 2018, 10, 127.	1.5	15
378	The Effects of Deoxynivalenol and Zearalenone on the Pig Large Intestine. A Light and Electron Microscopy Study. <i>Toxins</i> , 2018, 10, 148.	1.5	31
379	Bovine Peripheral Blood Mononuclear Cells Are More Sensitive to Deoxynivalenol Than Those Derived from Poultry and Swine. <i>Toxins</i> , 2018, 10, 152.	1.5	17
380	Comparison of Anorectic Potencies of Type A Trichothecenes T-2 Toxin, HT-2 Toxin, Diacetoxyscirpenol, and Neosolaniol. <i>Toxins</i> , 2018, 10, 179.	1.5	30
381	Chronic Effects of <i>Fusarium</i> Mycotoxins in Rations with or without Increased Concentrate Proportion on the Insulin Sensitivity in Lactating Dairy Cows. <i>Toxins</i> , 2018, 10, 188.	1.5	9

#	ARTICLE	IF	CITATIONS
382	Transcriptome Analysis of <i>C. elegans</i> Reveals Novel Targets for DON Cytotoxicity. <i>Toxins</i> , 2018, 10, 262.	1.5	18
383	Application of a LC-MS/MS method for multi-mycotoxin analysis in infant formula and milk-based products for young children commercialized in Southern Brazil. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2018, 53, 685-691.	0.7	14
384	Response of intestinal HT-29 cells to the trichothecene mycotoxin deoxynivalenol and its sulfated conjugates. <i>Toxicology Letters</i> , 2018, 295, 424-437.	0.4	26
385	Occurrence of deoxynivalenol in an elderly cohort in the UK: a biomonitoring approach. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 2032-2044.	1.1	10
386	Development and validation of diagnostic markers for Fhb1 region, a major QTL for Fusarium head blight resistance in wheat. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2371-2380.	1.8	69
387	Mycotoxin levels in the digestive tissues of immature gilts exposed to zearalenone and deoxynivalenol. <i>Toxicon</i> , 2018, 153, 1-11.	0.8	16
388	Monitoring and evaluation of the interaction between deoxynivalenol and gut microbiota in Wistar rats by mass spectrometry-based metabolomics and next-generation sequencing. <i>Food and Chemical Toxicology</i> , 2018, 121, 124-130.	1.8	15
389	<i>Saccharomyces cerevisiae</i> Boulardii Reduces the Deoxynivalenol-Induced Alteration of the Intestinal Transcriptome. <i>Toxins</i> , 2018, 10, 199.	1.5	21
390	Mycotoxin Biomarkers of Exposure: A Comprehensive Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2018, 17, 1127-1155.	5.9	134
391	Molecular mapping of QTL for Fusarium head blight resistance introgressed into durum wheat. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1939-1951.	1.8	57
392	The fungal myosin I is essential for Fusarium toxosome formation. <i>PLoS Pathogens</i> , 2018, 14, e1006827.	2.1	113
393	Differentiation of sow and mouse ovarian granulosa cells exposed to zearalenone in vitro using RNA-seq gene expression. <i>Toxicology and Applied Pharmacology</i> , 2018, 350, 78-90.	1.3	13
394	Trichothecenes. , 2018, , 1043-1053.		5
395	In vitro and in vivo effects of a mycotoxin, deoxynivalenol, and a trace metal, cadmium, alone or in a mixture on the intestinal barrier. <i>Environment International</i> , 2019, 132, 105082.	4.8	53
396	Stage-specific functional relationships between Tub1 and Tub2 beta-tubulins in the wheat scab fungus <i>Fusarium graminearum</i> . <i>Fungal Genetics and Biology</i> , 2019, 132, 103251.	0.9	28
397	Draft Genome Sequence of Deoxynivalenol-Degrading Actinomycete <i>Nocardioides</i> sp. Strain LS1, Isolated from Wheat Leaves in Japan. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
398	Physiological and behavioral effects of the mycotoxin deoxynivalenol in <i>Tenebrio molitor</i> larvae. <i>Journal of Stored Products Research</i> , 2019, 83, 236-242.	1.2	13
399	Deoxynivalenol and ochratoxin A in North Carolina grown organic wheat grains. <i>Journal of Food Safety</i> , 2019, 39, e12687.	1.1	3

#	ARTICLE	IF	CITATIONS
400	Determination of Deoxynivalenol Biomarkers in Italian Urine Samples. <i>Toxins</i> , 2019, 11, 441.	1.5	22
401	The Fate of Alvertoxin II During Tomato Processing Steps at a Laboratory Scale. <i>Frontiers in Nutrition</i> , 2019, 6, 92.	1.6	15
402	Biomonitoring Study of Deoxynivalenol Exposure in Chinese Inhabitants. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2169.	1.2	9
403	Pullulation of toxigenic <i>Fusarium</i> and Deoxynivalenol in the malting of de minimis infected barley (<i>Hordeum vulgare</i>). <i>LWT - Food Science and Technology</i> , 2019, 113, 108242.	2.5	7
404	Deoxynivalenol-Induced Cytotoxicity and Apoptosis in IPEC-J2 Cells Through the Activation of Autophagy by Inhibiting PI3K-AKT-mTOR Signaling Pathway. <i>ACS Omega</i> , 2019, 4, 18478-18486.	1.6	33
405	The occurrence of mycotoxins in breast milk, fruit products and cereal-based infant formula: A review. <i>Trends in Food Science and Technology</i> , 2019, 92, 81-93.	7.8	70
406	The Mycotoxin Deoxynivalenol Significantly Alters the Function and Metabolism of Bovine Kidney Epithelial Cells In Vitro. <i>Toxins</i> , 2019, 11, 554.	1.5	13
407	Deoxynivalenol Affects Proliferation and Expression of Activation-Related Molecules in Major Porcine T-Cell Subsets. <i>Toxins</i> , 2019, 11, 644.	1.5	15
408	Experimental evaluation of sand particle identification in oil-water-gas multiphase flows based on vibration signal analysis. <i>Chemical Engineering Research and Design</i> , 2019, 151, 79-90.	2.7	5
409	The wheat SnRK1 family and its contribution to <i>Fusarium</i> toxin tolerance. <i>Plant Science</i> , 2019, 288, 110217.	1.7	30
410	Identification and determination of deoxynivalenol (DON) and deepoxy-deoxynivalenol (DOM-1) in pig colostrum and serum using liquid chromatography in combination with high resolution mass spectrometry (LC-MS/MS (HR)). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121735.	1.2	14
411	Twenty-Eight Fungal Secondary Metabolites Detected in Pig Feed Samples: Their Occurrence, Relevance and Cytotoxic Effects In Vitro. <i>Toxins</i> , 2019, 11, 537.	1.5	19
412	<i>Fusarium</i> Secondary Metabolism Biosynthetic Pathways: So Close but So Far Away. <i>Reference Series in Phytochemistry</i> , 2019, , 1-37.	0.2	3
413	Co-occurrence of mycotoxins in maize and maize-derived food in China and estimation of dietary intake. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2019, 12, 124-134.	1.3	20
414	Control of Wheat <i>Fusarium</i> Head Blight by Heat-Stable Antifungal Factor (HSAF) from <i>Lysobacter enzymogenes</i> . <i>Plant Disease</i> , 2019, 103, 1286-1292.	0.7	29
415	Deoxynivalenol reduces quality parameters and increases DNA damage in mice spermatozoa. <i>Andrologia</i> , 2019, 51, e13238.	1.0	7
416	Toxic Effects and Possible Mechanisms of Deoxynivalenol Exposure on Sperm and Testicular Damage in BALB/c Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2289-2295.	2.4	37
417	<i>Fusarium</i> Species and Mycotoxins Contaminating Veterinary Diets for Dogs and Cats. <i>Microorganisms</i> , 2019, 7, 26.	1.6	16

#	ARTICLE	IF	CITATIONS
418	Cytotoxicity against fish and mammalian cell lines and endocrine activity of the mycotoxins beauvericin, deoxynivalenol and ochratoxin-A. <i>Food and Chemical Toxicology</i> , 2019, 127, 288-297.	1.8	20
419	The Effects of Deoxynivalenol (DON) on the Gut Microbiota, Morphology and Immune System of Chicken – A Review. <i>Annals of Animal Science</i> , 2019, 19, 305-318.	0.6	11
420	Untargeted GC-TOFMS-based cellular metabolism analysis to evaluate ozone degradation effect of deoxynivalenol. <i>Toxicon</i> , 2019, 168, 49-57.	0.8	14
421	A deletion mutation in TaHRC confers Fhb1 resistance to Fusarium head blight in wheat. <i>Nature Genetics</i> , 2019, 51, 1099-1105.	9.4	258
422	Behavioural and metabolomic changes from chronic dietary exposure to low-level deoxynivalenol reveal impact on mouse well-being. <i>Archives of Toxicology</i> , 2019, 93, 2087-2102.	1.9	16
423	Deoxynivalenol induces inhibition of cell proliferation via the Wnt/ β -catenin signaling pathway. <i>Biochemical Pharmacology</i> , 2019, 166, 12-22.	2.0	26
424	Deoxynivalenol Modulates the Viability, ROS Production and Apoptosis in Prostate Cancer Cells. <i>Toxins</i> , 2019, 11, 265.	1.5	31
425	Roles of Microbial Metabolites in Bacteriophage-Microbe Interactions. , 2019, , 175-207.		1
426	Fusarium Toxins in Chinese Wheat since the 1980s. <i>Toxins</i> , 2019, 11, 248.	1.5	33
427	The Fusarium metabolite culmorin suppresses the in vitro glucuronidation of deoxynivalenol. <i>Archives of Toxicology</i> , 2019, 93, 1729-1743.	1.9	30
428	Risk assessment of dietary deoxynivalenol exposure in wheat products worldwide: Are new codex DON guidelines adequately protective?. <i>Trends in Food Science and Technology</i> , 2019, 89, 11-25.	7.8	34
429	Heme oxygenase-1 attenuates low-dose of deoxynivalenol-induced liver inflammation potentially associating with microbiota. <i>Toxicology and Applied Pharmacology</i> , 2019, 374, 20-31.	1.3	24
430	<i>Fusarium graminearum</i> Trichothecene Mycotoxins: Biosynthesis, Regulation, and Management. <i>Annual Review of Phytopathology</i> , 2019, 57, 15-39.	3.5	255
431	Deoxynivalenol-induced oxidative stress and Nrf2 translocation in maternal liver on gestation day 12.5 d and 18.5 d. <i>Toxicon</i> , 2019, 161, 17-22.	0.8	21
432	Deoxynivalenol inhibits the expression of trefoil factors (TFF) by intestinal human and porcine goblet cells. <i>Archives of Toxicology</i> , 2019, 93, 1039-1049.	1.9	17
433	Preliminary Study on the Use of Chitosan as an Eco-Friendly Alternative to Control Fusarium Growth and Mycotoxin Production on Maize and Wheat. <i>Pathogens</i> , 2019, 8, 29.	1.2	26
434	Mycotoxins in uncooked and plate-ready household food from rural northern Nigeria. <i>Food and Chemical Toxicology</i> , 2019, 128, 171-179.	1.8	31
435	The effects of naturally occurring or purified deoxynivalenol (DON) on growth performance, nutrient utilization and histopathology of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2019, 505, 319-332.	1.7	10

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436	Modulation of Mucin (MUC2, MUC5AC and MUC5B) mRNA Expression and Protein Production and Secretion in Caco-2/HT29-MTX Co-Cultures Following Exposure to Individual and Combined Aflatoxin M1 and Ochratoxin A. <i>Toxins</i> , 2019, 11, 132.	1.5	37
437	Fusarium head blight and mycotoxins in wheat: prevention and control strategies across the food chain. <i>World Mycotoxin Journal</i> , 2019, 12, 333-355.	0.8	61
438	Deoxynivalenol-3-sulphate is the major metabolite of dietary deoxynivalenol in eggs of laying hens. <i>World Mycotoxin Journal</i> , 2019, 12, 245-255.	0.8	7
439	Effects of pulsed ultrasound at 20 kHz on the sonochemical degradation of mycotoxins. <i>World Mycotoxin Journal</i> , 2019, 12, 357-366.	0.8	21
440	Exposure assessment of adult consumers in Serbia, Greece and Croatia to deoxynivalenol and zearalenone through consumption of major wheat-based products. <i>World Mycotoxin Journal</i> , 2019, 12, 431-442.	0.8	11
441	Incidence of Deoxynivalenol in Wheat Flour in Argentina and GCâ€ECD Method Validation. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1721-1724.	0.7	2
442	Comparative Sequence Analysis of TRI1 of <i>Fusarium</i> . <i>Toxins</i> , 2019, 11, 689.	1.5	5
443	Efficacy of a Yeast Cell Wall Extract to Mitigate the Effect of Naturally Co-Occurring Mycotoxins Contaminating Feed Ingredients Fed to Young Pigs: Impact on Gut Health, Microbiome, and Growth. <i>Toxins</i> , 2019, 11, 633.	1.5	53
444	Characterization and Pathogenicity of <i>Fusarium</i> Species Associated with Soybean Pods in Maize/Soybean Strip Intercropping. <i>Pathogens</i> , 2019, 8, 245.	1.2	17
445	Cytotoxicity of Deoxynivalenol after Being Exposed to Gaseous Ozone. <i>Toxins</i> , 2019, 11, 639.	1.5	2
446	Incidence of Deoxynivalenol in Wheat Flour in Argentina and GCâ€ECD Method Validation. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1721-1724.	0.7	5
447	Molecular cytogenetic characterization of wheatâ€Elymus repens chromosomal translocation lines with resistance to <i>Fusarium</i> head blight and stripe rust. <i>BMC Plant Biology</i> , 2019, 19, 590.	1.6	16
448	Co-Occurrence of DON and Emerging Mycotoxins in Worldwide Finished Pig Feed and Their Combined Toxicity in Intestinal Cells. <i>Toxins</i> , 2019, 11, 727.	1.5	46
449	Impact of deoxynivalenol and kaempferol on expression of tight junction proteins at different stages of Caco-2 cell proliferation and differentiation. <i>RSC Advances</i> , 2019, 9, 34607-34616.	1.7	11
450	Deoxynivalenol Detoxification in Transgenic Wheat Confers Resistance to <i>Fusarium</i> Head Blight and Crown Rot Diseases. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 583-592.	1.4	36
451	Assessment of Toxigenic <i>Fusarium</i> Species and Their Mycotoxins in Brewing Barley Grains. <i>Toxins</i> , 2019, 11, 31.	1.5	35
452	Role of neurotransmitters 5-hydroxytryptamine and substance P in anorexia induction following oral exposure to the trichothecene T-2 toxin. <i>Food and Chemical Toxicology</i> , 2019, 123, 1-8.	1.8	23
453	Interaction between the three frequently co-occurring <i>Fusarium</i> mycotoxins in rats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 370-382.	1.0	18

#	ARTICLE	IF	CITATIONS
454	Untargeted LC-MS based ¹³ C labelling provides a full mass balance of deoxynivalenol and its degradation products formed during baking of crackers, biscuits and bread. <i>Food Chemistry</i> , 2019, 279, 303-311.	4.2	23
455	Complementary feeding may pose a risk of simultaneous exposures to aflatoxin M1 and deoxynivalenol in Indian infants and toddlers: Lessons from a mini-survey of food samples obtained from Kolkata, India. <i>Food and Chemical Toxicology</i> , 2019, 123, 9-15.	1.8	20
456	Global occurrence of deoxynivalenol in food commodities and exposure risk assessment in humans in the last decade: a survey. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 1346-1374.	5.4	130
457	Identification of <i>Fusarium graminearum</i> -responsive miRNAs and their targets in wheat by sRNA sequencing and degradome analysis. <i>Functional and Integrative Genomics</i> , 2020, 20, 51-61.	1.4	12
458	Investigation of age-related differences in toxicokinetic processes of deoxynivalenol and deoxynivalenol-3-glucoside in weaned piglets. <i>Archives of Toxicology</i> , 2020, 94, 417-425.	1.9	7
459	Heme oxygenase-1 regulates autophagy through carbon-oxygen to alleviate deoxynivalenol-induced hepatic damage. <i>Archives of Toxicology</i> , 2020, 94, 573-588.	1.9	19
460	Sensitive and reliable detection of deoxynivalenol mycotoxin in pig feed by surface enhanced Raman spectroscopy on silver nanocubes@polydopamine substrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117940.	2.0	37
461	Global Profiling of Toxicologically Relevant Metabolites in Urine: Case Study of Reactive Aldehydes. <i>Analytical Chemistry</i> , 2020, 92, 1746-1754.	3.2	8
462	Multimycotoxin Exposure Assessment in UK Children Using Urinary Biomarkers—A Pilot Survey. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 351-357.	2.4	26
463	Degradation and ozonolysis pathway elucidation of deoxynivalenol. <i>Toxicon</i> , 2020, 174, 13-18.	0.8	11
464	Nanocomposites. , 2020, , 349-383.		2
465	Maternal Exposure Results in Long-Term Deoxynivalenol Persistence in Piglets™ Plasma and Modulates the Immune System. <i>Toxins</i> , 2020, 12, 615.	1.5	5
466	The type II phosphoinositide 4-kinase FgLsb6 is important for the development and virulence of <i>Fusarium graminearum</i> . <i>Fungal Genetics and Biology</i> , 2020, 144, 103443.	0.9	7
467	Confrontation assays and mycotoxin treatment reveal antagonistic activities of <i>Trichoderma</i> and the fate of <i>Fusarium</i> mycotoxins in microbial interaction. <i>Environmental Pollution</i> , 2020, 267, 115559.	3.7	15
468	Occurrence and Probabilistic Risk Assessment of Fumonisin B1, Fumonisin B2 and Deoxynivalenol in Nixtamalized Maize in Mexico City. <i>Toxins</i> , 2020, 12, 644.	1.5	11
469	Type A Trichothecene Diacetoxyscirpenol-Induced Emesis Corresponds to Secretion of Peptide YY and Serotonin in Mink. <i>Toxins</i> , 2020, 12, 419.	1.5	10
470	Mycotoxins in cereals and cereal-based products: Incidence and probabilistic dietary risk assessment for the Brazilian population. <i>Food and Chemical Toxicology</i> , 2020, 143, 111572.	1.8	18
471	Mycotoxins and the Enteric Nervous System. <i>Toxins</i> , 2020, 12, 461.	1.5	21

#	ARTICLE	IF	CITATIONS
472	Assessment of Deoxynivalenol in Wheat, Corn and Its Products and Estimation of Dietary Intake. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5602.	1.2	22
473	Development of an Analytical Method for Quantitation of Deoxynivalenol by UPLC-MS-MS: A Preliminary Assessment of Gestational and Lactational Transfer in Rats. <i>Journal of Analytical Toxicology</i> , 2021, 45, 566-572.	1.7	1
474	Baicalin-Copper Complex Modulates Gut Microbiota, Inflammatory Responses, and Hormone Secretion in DON-Challenged Piglets. <i>Animals</i> , 2020, 10, 1535.	1.0	13
475	Deoxynivalenol Exposure Suppresses Adipogenesis by Inhibiting the Expression of Peroxisome Proliferator-Activated Receptor Gamma 2 (PPAR γ 2) in 3T3-L1 Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6300.	1.8	4
476	Cytotoxicity study of deoxynivalenol on human embryo liver and hepatoma cell. <i>World Mycotoxin Journal</i> , 2020, 13, 523-532.	0.8	1
477	Determination of aflatoxin M1 and deoxynivalenol biomarkers in infants and children urines from Bangladesh. <i>Archives of Toxicology</i> , 2020, 94, 3775-3786.	1.9	10
478	Risk assessment and spatial analysis of deoxynivalenol exposure in Chinese population. <i>Mycotoxin Research</i> , 2020, 36, 419-427.	1.3	11
479	The Impact of Natural Dietary Compounds and Food-Borne Mycotoxins on DNA Methylation and Cancer. <i>Cells</i> , 2020, 9, 2004.	1.8	16
480	Deoxynivalenol: toxicological profiles and perspective views for future research. <i>World Mycotoxin Journal</i> , 2020, 13, 179-188.	0.8	10
481	Pharmacological and nutritional modulation of autophagy in a rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 _{0.9} rgBT /Overlock 10		4
482	Investigation of the Efficacy of a Postbiotic Yeast Cell Wall-Based Blend on Newly-Weaned Pigs under a Dietary Challenge of Multiple Mycotoxins with Emphasis on Deoxynivalenol. <i>Toxins</i> , 2020, 12, 504.	1.5	43
483	Acute and subacute oral administration of mycotoxin deoxynivalenol exacerbates the pro-inflammatory and pro-pruritic responses in a mouse model of allergic dermatitis. <i>Archives of Toxicology</i> , 2020, 94, 4197-4207.	1.9	10
484	Deoxynivalenol Has the Capacity to Increase Transcription Factor Expression and Cytokine Production in Porcine T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 2009.	2.2	9
485	Growth of Fungal Cells and the Production of Mycotoxins. , 0, , .		6
486	WFhb1-1 plays an important role in resistance against Fusarium head blight in wheat. <i>Scientific Reports</i> , 2020, 10, 7794.	1.6	13
487	3-Acetyldeoxynivalenol induces lysosomal membrane permeabilization-mediated apoptosis and inhibits autophagic flux in macrophages. <i>Environmental Pollution</i> , 2020, 265, 114697.	3.7	16
488	Dietary exposure assessment and risk characterization of mycotoxins in lactating women: Case study of So Paulo state, Brazil. <i>Food Research International</i> , 2020, 134, 109272.	2.9	10
489	The mycotoxin deoxynivalenol activates GABAergic neurons in the reward system and inhibits feeding and maternal behaviours. <i>Archives of Toxicology</i> , 2020, 94, 3297-3313.	1.9	6

#	ARTICLE	IF	CITATIONS
490	Effects of trichothecene mycotoxin T-2 toxin on haematological and immunological parameters of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Mycotoxin Research</i> , 2020, 36, 319-326.	1.3	10
491	N-acetyl-cysteine in combination with celecoxib inhibits Deoxynivalenol induced skin tumor initiation via induction of autophagic pathways in swiss mice. <i>Free Radical Biology and Medicine</i> , 2020, 156, 70-82.	1.3	8
492	Novel Soil Bacterium Strain <i>Desulfitobacterium</i> sp. PGC-3-9 Detoxifies Trichothecene Mycotoxins in Wheat via De-Epoxidation under Aerobic and Anaerobic Conditions. <i>Toxins</i> , 2020, 12, 363.	1.5	18
493	In Vitro Assessment of Biocontrol Effects on <i>Fusarium</i> Head Blight and Deoxynivalenol (DON) Accumulation by DON-Degrading Bacteria. <i>Toxins</i> , 2020, 12, 399.	1.5	19
494	Mechanism of deoxynivalenol-induced neurotoxicity in weaned piglets is linked to lipid peroxidation, dampened neurotransmitter levels, and interference with calcium signaling. <i>Ecotoxicology and Environmental Safety</i> , 2020, 194, 110382.	2.9	22
495	Stable Isotope-Assisted Metabolomics for Deciphering Xenobiotic Metabolism in Mammalian Cell Culture. <i>ACS Chemical Biology</i> , 2020, 15, 970-981.	1.6	25
496	Occurrence and preventive strategies to control mycotoxins in cereal-based food. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 928-953.	5.9	82
497	Porcine milk exosome miRNAs protect intestinal epithelial cells against deoxynivalenol-induced damage. <i>Biochemical Pharmacology</i> , 2020, 175, 113898.	2.0	44
498	Low doses of deoxynivalenol inhibit the cell migration mediated by H3K27me3-targeted downregulation of TEM8 expression. <i>Biochemical Pharmacology</i> , 2020, 175, 113897.	2.0	6
499	Deoxynivalenol Induces Inflammation in IPEC-J2 Cells by Activating P38 Mapk And Erk1/2. <i>Toxins</i> , 2020, 12, 180.	1.5	39
500	Food Poisoning Caused by Deoxynivalenol at a School in Zhuhai, Guangdong, China, in 2019. <i>Foodborne Pathogens and Disease</i> , 2020, 17, 429-433.	0.8	15
501	Sodium Butyrate Protects the Intestinal Barrier by Modulating Intestinal Host Defense Peptide Expression and Gut Microbiota after a Challenge with Deoxynivalenol in Weaned Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4515-4527.	2.4	40
502	A quinone-dependent dehydrogenase and two NADPH-dependent aldo/keto reductases detoxify deoxynivalenol in wheat via epimerization in a <i>Devosia</i> strain. <i>Food Chemistry</i> , 2020, 321, 126703.	4.2	40
503	Anorexic responses to trichothecene deoxynivalenol and its congeners correspond to secretion of tumor necrosis factor- α and interleukin-1 β . <i>Environmental Toxicology and Pharmacology</i> , 2020, 77, 103371.	2.0	5
504	Detoxification of Mycotoxins through Biotransformation. <i>Toxins</i> , 2020, 12, 121.	1.5	77
505	In-Vitro Cell Culture for Efficient Assessment of Mycotoxin Exposure, Toxicity and Risk Mitigation. <i>Toxins</i> , 2020, 12, 146.	1.5	18
506	¹ H-NMR metabolomics response to a realistic diet contamination with the mycotoxin deoxynivalenol: Effect of probiotics supplementation. <i>Food and Chemical Toxicology</i> , 2020, 138, 111222.	1.8	11
507	The food contaminant, deoxynivalenol, modulates the Thelper/Treg balance and increases inflammatory bowel diseases. <i>Archives of Toxicology</i> , 2020, 94, 3173-3184.	1.9	28

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508	Cytoprotective effects of curcumin and silymarin on PK-15 cells exposed to ochratoxin A, fumonisin B1 and deoxynivalenol. <i>Toxicon</i> , 2020, 185, 97-103.	0.8	18
509	Fusarium head blight in Argentina: Pathogen aggressiveness, triazole tolerance and biocontrol-cultivar combined strategy to reduce disease and deoxynivalenol in wheat. <i>Crop Protection</i> , 2020, 137, 105300.	1.0	15
510	Mycotoxin Alvertoxin II Induces Lipid Peroxidation Connecting Mitochondrial Stress Response to NF- κ B Inhibition in THP-1 Macrophages. <i>Chemical Research in Toxicology</i> , 2020, 33, 492-504.	1.7	26
511	Occurrence of Deoxynivalenol, Nivalenol, and Their Glucosides in Korean Market Foods and Estimation of Their Population Exposure through Food Consumption. <i>Toxins</i> , 2020, 12, 89.	1.5	21
512	Human Mycotoxin Biomonitoring: Conclusive Remarks on Direct or Indirect Assessment of Urinary Deoxynivalenol. <i>Toxins</i> , 2020, 12, 139.	1.5	12
513	The Evaluation of the Antioxidant and Intestinal Protective Effects of Baicalin-Copper in Deoxynivalenol-Challenged Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	1.9	30
514	Fusarium Secondary Metabolism Biosynthetic Pathways: So Close but So Far Away. <i>Reference Series in Phytochemistry</i> , 2020, , 211-247.	0.2	7
515	Lactobacillus rhamnosus GG supplementation modulates the gut microbiota to promote butyrate production, protecting against deoxynivalenol exposure in nude mice. <i>Biochemical Pharmacology</i> , 2020, 175, 113868.	2.0	61
516	Maternal mycotoxin exposure and adverse pregnancy outcomes: a systematic review. <i>Mycotoxin Research</i> , 2020, 36, 243-255.	1.3	30
517	Soybean antigen protein induces caspase-3/mitochondrion-regulated apoptosis in IPEC-J2 cells. <i>Food and Agricultural Immunology</i> , 2020, 31, 100-119.	0.7	4
518	Biodegradation of Deoxynivalenol by a Novel Microbial Consortium. <i>Frontiers in Microbiology</i> , 2019, 10, 2964.	1.5	30
519	Autophagy protects PC12 cells against deoxynivalenol toxicity via the Class III PI3K/beclin 1/Bcl-2 pathway. <i>Journal of Cellular Physiology</i> , 2020, 235, 7803-7815.	2.0	19
520	Fusarium Head Blight, Mycotoxins and Strategies for Their Reduction. <i>Agronomy</i> , 2020, 10, 509.	1.3	80
521	Metabolomic profiling reveals similar cytotoxic effects and protective functions of quercetin during deoxynivalenol- and 15-acetyl deoxynivalenol-induced cell apoptosis. <i>Toxicology in Vitro</i> , 2020, 66, 104838.	1.1	12
522	The Dynamin-Like GTPase FgSey1 Plays a Critical Role in Fungal Development and Virulence in Fusarium graminearum. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	13
523	A mycotoxin transporter (4D) from a library of deoxynivalenol-tolerant microorganisms. <i>Toxicon: X</i> , 2020, 5, 100023.	1.2	2
524	Pro-Inflammatory Effects of NX-3 Toxin Are Comparable to Deoxynivalenol and not Modulated by the Co-Occurring Pro-Oxidant Aurofusarin. <i>Microorganisms</i> , 2020, 8, 603.	1.6	10
525	Enzymatic degradation of deoxynivalenol by a novel bacterium, Pelagibacterium halotolerans ANSP101. <i>Food and Chemical Toxicology</i> , 2020, 140, 111276.	1.8	43

#	ARTICLE	IF	CITATIONS
526	MiR-155-5p plays as a "janus" in the expression of inflammatory cytokines induced by T-2 toxin. <i>Food and Chemical Toxicology</i> , 2020, 140, 111258.	1.8	11
527	Conversion of Deoxynivalenol-3-Glucoside to Deoxynivalenol during Chinese Steamed Bread Processing. <i>Toxins</i> , 2020, 12, 225.	1.5	8
528	Effect of fungicides commonly used for Fusarium head blight management on growth and fumonisin production by <i>Fusarium proliferatum</i> . <i>Revista Argentina De Microbiologia</i> , 2021, 53, 64-74.	0.4	7
529	Near-infrared hyperspectral imaging for deoxynivalenol and ergosterol estimation in wheat samples. <i>Food Chemistry</i> , 2021, 341, 128206.	4.2	24
530	MAPK/AP-1 and ROS participated in ratio- and time-dependent interaction effects of deoxynivalenol and cadmium on HT-29 cells. <i>Food and Chemical Toxicology</i> , 2021, 148, 111921.	1.8	16
531	<i>Bacillus velezensis</i> RC 218 as a biocontrol agent against <i>Fusarium graminearum</i> : effect on penetration, growth and TRI5 expression in wheat spikes. <i>BioControl</i> , 2021, 66, 259-270.	0.9	25
532	Homogenous FRET-based fluorescent immunoassay for deoxynivalenol detection by controlling the distance of donor-acceptor couple. <i>Talanta</i> , 2021, 225, 121973.	2.9	26
533	Impact of feed restriction, chloroquine and deoxynivalenol on viral haemorrhagic septicaemia virus IVb in fathead minnow <i>Pimephales promelas</i> Rafinesque. <i>Journal of Fish Diseases</i> , 2021, 44, 217-220.	0.9	4
534	The effect of humic acid in chronic deoxynivalenol intoxication. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1612-1618.	2.7	2
535	Detoxification of deoxynivalenol by <i>Bacillus subtilis</i> ASAG 216 and characterization the degradation process. <i>European Food Research and Technology</i> , 2021, 247, 67-76.	1.6	19
536	Cereal-Derived Foodstuffs from North African-Mediterranean: From Tradition to Innovation. , 2021, , 117-150.		1
537	Screening of Wood/Forest and Vine By-Products as Sources of New Drugs for Sustainable Strategies to Control <i>Fusarium graminearum</i> and the Production of Mycotoxins. <i>Molecules</i> , 2021, 26, 405.	1.7	13
538	Deoxynivalenol Induces Caspase-8-Mediated Apoptosis through the Mitochondrial Pathway in Hippocampal Nerve Cells of Piglet. <i>Toxins</i> , 2021, 13, 73.	1.5	8
539	Food Safety and Climate Change. , 2021, , 39-62.		2
540	Complementary chain competition and fluorescence quenching detection of Deoxynivalenol and analytical applications using a novel aptamer. <i>CYTA - Journal of Food</i> , 2021, 19, 257-264.	0.9	1
541	Deoxynivalenol Induces Inflammation in the Small Intestine of Weaned Rabbits by Activating Mitogen-Activated Protein Kinase Signaling. <i>Frontiers in Veterinary Science</i> , 2021, 8, 632599.	0.9	4
542	Mycotoxin Occurrence, Toxicity, and Detoxifying Agents in Pig Production with an Emphasis on Deoxynivalenol. <i>Toxins</i> , 2021, 13, 171.	1.5	62
543	The Potential of Rhizoctonia-Like Fungi for the Biological Protection of Cereals against Fungal Pathogens. <i>Plants</i> , 2021, 10, 349.	1.6	6

#	ARTICLE	IF	CITATIONS
544	The Golgin Protein RUD3 Regulates <i>Fusarium graminearum</i> Growth and Virulence. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	6
545	Protective effects of <i>Bacillus subtilis</i> ASAG 216 on growth performance, antioxidant capacity, gut microbiota and tissues residues of weaned piglets fed deoxynivalenol contaminated diets. <i>Food and Chemical Toxicology</i> , 2021, 148, 111962.	1.8	28
546	Transformation of Selected Trichothecenes during the Wheat Malting Production. <i>Toxins</i> , 2021, 13, 135.	1.5	3
547	Enrichment of deoxynivalenol and establishment of online early warning treatment system for drinking water. <i>International Journal of Food Science and Technology</i> , 2021, 56, 2612-2620.	1.3	1
548	Mycotoxins—Biomonitoring and Human Exposure. <i>Toxins</i> , 2021, 13, 113.	1.5	30
549	Oral deoxynivalenol toxicity in Harlan Sprague Dawley (Hsd:Sprague Dawley® SD®) rat dams and their offspring. <i>Food and Chemical Toxicology</i> , 2021, 148, 111963.	1.8	3
550	An overview of mycotoxins, their pathogenic effects, foods where they are found and their diagnostic biomarkers. <i>Food Science and Technology</i> , 0, 42, .	0.8	8
551	Application of new technologies in decontamination of mycotoxins in cereal grains: Challenges, and perspectives. <i>Food and Chemical Toxicology</i> , 2021, 148, 111976.	1.8	65
552	The trichothecene neosolaniol stimulates an emetic response through neuropeptide Y2 and serotonin 3 receptors in mink. <i>Toxicology</i> , 2021, 452, 152718.	2.0	1
553	Progress in DNA-based hydrogels for biosensing. <i>Materials Technology</i> , 2022, 37, 798-813.	1.5	0
554	Microbial detoxification of mycotoxins in food and feed. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 4951-4969.	5.4	41
555	The Dominance of <i>Fusarium meridionale</i> Over <i>F. graminearum</i> Causing Gibberella Ear Rot in Brazil May Be Due to Increased Aggressiveness and Competitiveness. <i>Phytopathology</i> , 2021, 111, 1774-1781.	1.1	9
556	Hypoxia, oxidative stress, and immune evasion: a trinity of the trichothecenes T-2 toxin and deoxynivalenol (DON). <i>Archives of Toxicology</i> , 2021, 95, 1899-1915.	1.9	42
557	Mechanisms underlying protective effects of vitamin E against mycotoxin deoxynivalenol-induced oxidative stress and its related cytotoxicity in primary human brain endothelial cells. <i>Environmental Toxicology</i> , 2021, 36, 1375-1388.	2.1	6
558	Exploring the dermatotoxicity of the mycotoxin deoxynivalenol: combined morphologic and proteomic profiling of human epidermal cells reveals alteration of lipid biosynthesis machinery and membrane structural integrity relevant for skin barrier function. <i>Archives of Toxicology</i> , 2021, 95, 2201-2221.	1.9	11
559	Biomarkers of deoxynivalenol (DON) and its modified form DON-3-glucoside (DON-3G) in humans. <i>Trends in Food Science and Technology</i> , 2021, 110, 551-558.	7.8	14
560	Susceptibility of Oocytes from Gilts and Sows to Beauvericin and Deoxynivalenol and Its Relationship with Oxidative Stress. <i>Toxins</i> , 2021, 13, 260.	1.5	3
561	Mechanisms of deoxynivalenol-induced endocytosis and degradation of tight junction proteins in jejunal IPEC-J2 cells involve selective activation of the MAPK pathways. <i>Archives of Toxicology</i> , 2021, 95, 2065-2079.	1.9	34

#	ARTICLE	IF	CITATIONS
562	Deoxynivalenol downregulates NRF2-induced cytoprotective response in human hepatocellular carcinoma (HepG2) cells. <i>Toxicon</i> , 2021, 193, 4-12.	0.8	11
563	Effects of a Low Dose of T-2 Toxin on the Percentage of T and B Lymphocytes and Cytokine Secretion in the Porcine Ileal Wall. <i>Toxins</i> , 2021, 13, 277.	1.5	8
564	Case-Control Study of Nodding Syndrome in Acholiland: Urinary Multi-Mycotoxin Screening. <i>Toxins</i> , 2021, 13, 313.	1.5	6
565	Endoplasmic Reticulum Adaptation and Autophagic Competence Shape Response to Fluid Shear Stress in T24 Bladder Cancer Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 647350.	1.6	7
566	Frequency of Deoxynivalenol Concentrations above the Maximum Limit in Raw Winter Wheat Grain during a 12-Year Multi-Site Survey. <i>Agronomy</i> , 2021, 11, 960.	1.3	6
567	Exploratory real-time kinetic analysis of the cytotoxicity induced by maize silage mycotoxins in a calf intestinal epithelial cell line. <i>World Mycotoxin Journal</i> , 2021, 14, 513-523.	0.8	0
568	Nontoxic dose of Phenethyl isothiocyanate ameliorates deoxynivalenol-induced cytotoxicity and inflammation in IPEC-J2 cells. <i>Research in Veterinary Science</i> , 2021, 136, 66-73.	0.9	9
569	Comparative sensitivity of proliferative and differentiated intestinal epithelial cells to the food contaminant, deoxynivalenol. <i>Environmental Pollution</i> , 2021, 277, 116818.	3.7	15
570	<i>Fusarium cerealis</i> causing <i>Fusarium</i> head blight of durum wheat and its associated mycotoxins. <i>International Journal of Food Microbiology</i> , 2021, 346, 109161.	2.1	20
571	Two Different Inoculation Methods Unveiled the Relative Independence of DON Accumulation in Wheat Kernels from Disease Severity on Spike after Infection by <i>Fusarium</i> Head Blight. <i>Toxins</i> , 2021, 13, 353.	1.5	3
572	Physiological Effects of Deoxynivalenol from Naturally Contaminated Corn on Cerebral Tryptophan Metabolism, Behavioral Response, Gastrointestinal Immune Status and Health in Pigs Following a Pair-Feeding Model. <i>Toxins</i> , 2021, 13, 393.	1.5	11
573	Occurrence, mitigation and in vitro cytotoxicity of nivalenol, a type B trichothecene mycotoxin – Updates from the last decade (2010–2020). <i>Food and Chemical Toxicology</i> , 2021, 152, 112182.	1.8	11
574	Aggressiveness and mycotoxin production by <i>Fusarium meridionale</i> compared with <i>F. graminearum</i> on maize ears and stalks in the field. <i>Phytopathology</i> , 2021, , .	1.1	4
575	3D honeycomb-cell/carbon nanofiber/gelatin methacryloyl (GelMA) modified screen-printed electrode for electrochemical assessment of the combined toxicity of deoxynivalenol family mycotoxins. <i>Bioelectrochemistry</i> , 2021, 139, 107743.	2.4	30
576	The Occurrence of Mycotoxins in Raw Materials and Fish Feeds in Europe and the Potential Effects of Deoxynivalenol (DON) on the Health and Growth of Farmed Fish Species – A Review. <i>Toxins</i> , 2021, 13, 403.	1.5	14
577	Global wheat trade and Codex Alimentarius guidelines for deoxynivalenol: A mycotoxin common in wheat. <i>Global Food Security</i> , 2021, 29, 100538.	4.0	14
578	Les mycotoxines en alimentation humaine: un défi pour la recherche. <i>Cahiers De Nutrition Et De Dietetique</i> , 2021, 56, 170-183.	0.2	9
579	The Effects of Mixed <i>Fusarium</i> Mycotoxins at EU-Permitted Feed Levels on Weaned Piglets' Tissue Lipids. <i>Toxins</i> , 2021, 13, 444.	1.5	3

#	ARTICLE	IF	CITATIONS
580	Impact of foliar fungicides on disease and silage quality of brown midrib (BMR) corn hybrids in Wisconsin. <i>Plant Health Progress</i> , 0, , .	0.8	5
581	Effect of Popcorn (<i>Zea mays</i> var. <i>everta</i>) Popping Mode (Microwave, Hot Oil, and Hot Air) on Fumonisin and Deoxynivalenol Contamination Levels. <i>Toxins</i> , 2021, 13, 486.	1.5	6
582	Biodiversity of the <i>Fusarium</i> fungi causing root rot of winter cereals in Belarus. , 2021, 104, 124-127.	0.4	0
583	Photocatalytic Degradation of Deoxynivalenol Using Cerium Doped Titanium Dioxide under Ultraviolet Light Irradiation. <i>Toxins</i> , 2021, 13, 481.	1.5	18
584	Development and Validation of an LC-MS/MS Based Method for the Determination of Deoxynivalenol and Its Modified Forms in Maize. <i>Toxins</i> , 2021, 13, 600.	1.5	11
585	Mycotoxin Production in <i>Fusarium</i> According to Contemporary Species Concepts. <i>Annual Review of Phytopathology</i> , 2021, 59, 373-402.	3.5	51
586	Cellular Apoptosis Induced by Deoxynivalenol. <i>Indian Journal of Microbiology</i> , 2022, 62, 61-69.	1.5	4
587	<i>Fusarium graminearum</i> Species Complex: A Bibliographic Analysis and Web-Accessible Database for Global Mapping of Species and Trichothecene Toxin Chemotypes. <i>Phytopathology</i> , 2022, 112, 741-751.	1.1	18
588	<i>Fusarium</i> head blight of small grains in Pennsylvania: unravelling species diversity, toxin types, growth and triazole sensitivity. <i>Phytopathology</i> , 2021, , .	1.1	2
589	Investigation of the inflammatory and oxidative stress-inducing effects of deoxynivalenol and T-2 toxin exposure in non-tumorigenic human intestinal cell model. <i>Toxicol</i> , 2021, 200, 78-86.	0.8	10
590	Intestinal toxicity of the new type A trichothecenes, NX and 3ANX. <i>Chemosphere</i> , 2022, 288, 132415.	4.2	12
591	In Vitro Analysis of Deoxynivalenol Influence on Steroidogenesis in Prostate. <i>Toxins</i> , 2021, 13, 685.	1.5	4
592	Plant defense compound triggers mycotoxin synthesis by regulating H2B ub1 and H3K4 me2/3 deposition. <i>New Phytologist</i> , 2021, 232, 2106-2123.	3.5	13
593	The toxicity mechanisms of DON to humans and animals and potential biological treatment strategies. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 790-812.	5.4	27
594	Endophytic Fungi as a Promising Biocontrol Agent to Protect Wheat from <i>Fusarium graminearum</i> Head Blight. <i>Plant Disease</i> , 2022, 106, 595-602.	0.7	7
595	Deoxynivalenol exposure induces liver damage in mice: Inflammation and immune responses, oxidative stress, and protective effects of <i>Lactobacillus rhamnosus</i> GG. <i>Food and Chemical Toxicology</i> , 2021, 156, 112514.	1.8	33
596	ERK1/2 mitogen-activated protein kinase mediates downregulation of intestinal tight junction proteins in heat stress-induced IBD model in pig. <i>Journal of Thermal Biology</i> , 2021, 101, 103103.	1.1	14
597	Berberine improves intestinal barrier function and reduces inflammation, immunosuppression, and oxidative stress by regulating the NF- κ B/MAPK signaling pathway in deoxynivalenol-challenged piglets. <i>Environmental Pollution</i> , 2021, 289, 117865.	3.7	38

#	ARTICLE	IF	CITATIONS
598	Deoxynivalenol interferes with intestinal motility via injuring the contractility of enteric smooth muscle cells: A novel hazard to the gastrointestinal tract by environmental toxins. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112656.	2.9	6
599	Transgene pyramiding in wheat: Combination of deoxynivalenol detoxification with inhibition of cell wall degrading enzymes to contrast Fusarium Head Blight and Crown Rot. <i>Plant Science</i> , 2021, 313, 111059.	1.7	6
600	Rapid and nondestructive quantification of deoxynivalenol in individual wheat kernels using near-infrared hyperspectral imaging and chemometrics. <i>Food Control</i> , 2022, 131, 108420.	2.8	22
601	Mycotoxin-mixture assessment in mother-infant pairs in Nigeria: From mothers' meal to infants'™ urine. <i>Chemosphere</i> , 2022, 287, 132226.	4.2	22
602	Prevention and control of mycotoxins for food safety and security of human and animal feed. , 2021, , 315-345.		1
604	Long noncoding RNA Gm20319, acting as competing endogenous RNA, regulated GNE expression by sponging miR-7240-5p to involve in deoxynivalenol-induced liver damage in vitro. <i>Food and Chemical Toxicology</i> , 2020, 141, 111435.	1.8	11
605	CHAPTER 6. Mycotoxins: Contamination, Control and Analyses. <i>Food Chemistry, Function and Analysis</i> , 2019, , 112-138.	0.1	1
607	Mycotoxins and Nuclear Receptors: A Still Underexplored Issue. <i>Nuclear Receptor Research</i> , 2016, 3, .	2.5	3
608	Impact of Climate Change Effects on Contamination of Cereal Grains with Deoxynivalenol. <i>PLoS ONE</i> , 2013, 8, e73602.	1.1	23
609	An NMR-Based Metabolomic Approach to Investigate the Effects of Supplementation with Glutamic Acid in Piglets Challenged with Deoxynivalenol. <i>PLoS ONE</i> , 2014, 9, e113687.	1.1	40
611	In Vitro Effects of Selected Trichothecenes on the Rabbit Spermatozoa Motility Behavior " A Comparative Study. <i>Contemporary Agriculture</i> , 2016, 65, 21-26.	0.3	1
612	Dietary Baicalin Zinc Supplementation Alleviates Oxidative Stress and Enhances Nutrition Absorption in Deoxynivalenol Challenged Pigs. <i>Current Drug Metabolism</i> , 2020, 21, 614-625.	0.7	26
613	Dietary Intake of Mycotoxin Susceptible Foods by Brazilian Nursing Mothers. <i>Current Nutrition and Food Science</i> , 2020, 16, 953-962.	0.3	2
614	Overzicht van de meest belangrijke mycotoxines voor de varkens- en pluimveehouderij. <i>Vlaams Diergeneeskundig Tijdschrift</i> , 2013, 82, .	0.1	25
615	Application of Metabolomic Analysis in Exploration of Plant Genetic Resources. <i>Proceedings of the Latvian Academy of Sciences</i> , 2019, 73, 494-501.	0.0	7
616	Risks to human and animal health related to the presence of deoxynivalenol and its acetylated and modified forms in food and feed. <i>EFSA Journal</i> , 2017, 15, e04718.	0.9	218
617	Zearalenone Mycotoxicosis: Pathophysiology and Immunotoxicity. <i>The Iraqi Journal of Veterinary Medicine</i> , 2020, 44, 29-38.	0.0	2
618	DEOXYNIVALENOL: METABOLISM AND REGIONAL DIFFERENCES IN HUMAN EXPOSURE. <i>Military Medical Science Letters (Vojenske Zdravotnicke Listy)</i> , 2014, 83, 114-119.	0.2	4

#	ARTICLE	IF	CITATIONS
619	Ethylenediaminetetraacetic Acid Disodium Salt Acts as an Antifungal Candidate Molecule against <i>Fusarium graminearum</i> by Inhibiting DON Biosynthesis and Chitin Synthase Activity. <i>Toxins</i> , 2021, 13, 17.	1.5	8
620	The current state of mycotoxin biomarker development in humans and animals and the potential for application to plant systems. <i>World Mycotoxin Journal</i> , 2011, 4, 257-270.	0.8	23
621	Occurrence of deoxynivalenol and deoxynivalenol-3-glucoside in durum wheat. <i>World Mycotoxin Journal</i> , 2013, 6, 83-91.	0.8	40
622	Time dependent effects of graded levels of <i>Fusarium</i> toxin contaminated maize in diets for female piglets. <i>World Mycotoxin Journal</i> , 2013, 6, 51-63.	0.8	15
623	Modelling the anorectic potencies of food-borne trichothecenes by benchmark dose and incremental area under the curve methodology. <i>World Mycotoxin Journal</i> , 2016, 9, 279-288.	0.8	3
624	Food Safety and Climate Change. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019, , 74-97.	0.3	9
626	Mycotoxins in Food. , 0, , .		8
627	Comparison of the toxic effects of different mycotoxins on porcine and mouse oocyte meiosis. <i>PeerJ</i> , 2018, 6, e5111.	0.9	21
628	The Protective Effect of Heme Oxygenase-1 on Liver Injury Caused by DON-Induced Oxidative Stress and Cytotoxicity. <i>Toxins</i> , 2021, 13, 732.	1.5	9
629	Association of exposure to deoxynivalenol with DNA methylation in white blood cells in children in China. <i>World Mycotoxin Journal</i> , 2022, 15, 187-199.	0.8	0
630	Dietary Exposure to the Food Contaminant Deoxynivalenol Triggers Colonic Breakdown by Activating the Mitochondrial and the Death Receptor Pathways. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100191.	1.5	13
631	Structure-toxicity relationships, toxicity mechanisms and health risk assessment of food-borne modified deoxynivalenol and zearalenone: A comprehensive review. <i>Science of the Total Environment</i> , 2022, 806, 151192.	3.9	22
632	The <i>Fusarium graminearum</i> FGSG_03624 Xylanase Enhances Plant Immunity and Increases Resistance against Bacterial and Fungal Pathogens. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10811.	1.8	9
633	Deoxynivalenol: Mechanisms of action and its effects on various terrestrial and aquatic species. <i>Food and Chemical Toxicology</i> , 2021, 157, 112616.	1.8	34
634	<i>Fusarium</i> Mycotoxin: Toxicity and Detection. , 2016, , 1-30.		0
635	Human Biomonitoring of Mycotoxins for the Detection of Nutritional, Environmental and Occupational Exposure. , 2017, , 191-212.		1
636	Could Your Food Be Contaminated?. <i>The Science Teacher</i> , 2018, 086, .	0.1	0
638	Microbial Toxins. <i>Food Engineering Series</i> , 2020, , 51-83.	0.3	1

#	ARTICLE	IF	CITATIONS
639	Fusarium Secondary Metabolite Content in Naturally Produced and Artificially Provoked FHB Pressure in Winter Wheat. <i>Agronomy</i> , 2021, 11, 2239.	1.3	8
640	Current developments in toxicology. <i>EXCLI Journal</i> , 2012, 11, 692-702.	0.5	11
641	Key messages of recent publications in the field of toxicology. <i>EXCLI Journal</i> , 2012, 11, 715-42.	0.5	1
642	Mycotoxin exposure biomonitoring in breastfed and non-exclusively breastfed Nigerian children. <i>Environment International</i> , 2022, 158, 106996.	4.8	24
643	Spermidine Is Critical for Growth, Development, Environmental Adaptation, and Virulence in <i>Fusarium graminearum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 765398.	1.5	10
644	Phenethyl isothiocyanate as an anti-nutritional factor attenuates deoxynivalenol-induced IPEC-J2 cell injury through inhibiting ROS-mediated autophagy. <i>Animal Nutrition</i> , 2022, 8, 300-309.	2.1	6
645	Mycosubtilin Produced by <i>Bacillus subtilis</i> ATCC6633 Inhibits Growth and Mycotoxin Biosynthesis of <i>Fusarium graminearum</i> and <i>Fusarium verticillioides</i> . <i>Toxins</i> , 2021, 13, 791.	1.5	28
646	Construction and potential application of bacterial superoxide dismutase expressed in <i>Bacillus subtilis</i> against mycotoxins. <i>PLoS ONE</i> , 2021, 16, e0260047.	1.1	1
647	Effects of <i>Fusarium</i> metabolites beauvericin and enniatins alone or in mixture with deoxynivalenol on weaning piglets. <i>Food and Chemical Toxicology</i> , 2021, 158, 112719.	1.8	10
648	Cold Plasma: A Potential Alternative for Rice Grain Postharvest Treatment Management in Malaysia. <i>Rice Science</i> , 2022, 29, 1-15.	1.7	10
649	Bioprospecting Phenols as Inhibitors of Trichothecene-Producing <i>Fusarium</i> : Sustainable Approaches to the Management of Wheat Pathogens. <i>Toxins</i> , 2022, 14, 72.	1.5	21
650	Mycotoxins in Serum and 24h Urine of Vegans and Omnivores from the Risks and Benefits of a Vegan Diet (RBVD) Study. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100874.	1.5	11
651	Targeted delivery of sodium metabisulfite (SMBS) by pH-sensitive Eudragit L100-55 nanofibrous mats fabricated through advanced coaxial electrospinning. <i>Journal of Materials Science</i> , 2022, 57, 3375-3395.	1.7	5
652	Factors affecting the level of <i>Fusarium</i> mycotoxins in grain. <i>Vestsi Natsyyanal'ny akademii navuk Belarusi</i> . <i>Proceedings of the National Academy of Sciences of Belarus Agrarian Series</i> , 2022, 60, 46-58.	0.1	0
653	Exposure to the mycotoxin deoxynivalenol reduces the transport of conjugated bile acids by intestinal Caco-2 cells. <i>Archives of Toxicology</i> , 2022, 96, 1473-1482.	1.9	1
654	Cytochrome P450 enzymes mediated by DNA methylation is involved in deoxynivalenol-induced hepatotoxicity in piglets. <i>Animal Nutrition</i> , 2022, 9, 269-279.	2.1	7
655	Linking Multi-Omics to Wheat Resistance Types to <i>Fusarium</i> Head Blight to Reveal the Underlying Mechanisms. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2280.	1.8	11
656	Cereulide and Deoxynivalenol Increase LC3 Protein Levels in HepG2 Liver Cells. <i>Toxins</i> , 2022, 14, 151.	1.5	6

#	ARTICLE	IF	CITATIONS
657	The mycotoxin deoxynivalenol (DON) can deteriorate vaccination efficacy against porcine reproductive and respiratory syndrome virus (PRRSV) at subtoxic levels. <i>Porcine Health Management</i> , 2022, 8, 13.	0.9	3
658	Implications of Mycotoxins in Food Safety. , 0, , .		4
659	NADPH Oxidase Gene, FgNoxD, Plays a Critical Role in Development and Virulence in <i>Fusarium graminearum</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 822682.	1.5	0
660	Reduction of deoxynivalenol, T-2 and HT-2 toxins and associated <i>Fusarium</i> species during commercial and laboratory de-hulling of milling oats. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2022, 39, 1163-1183.	1.1	2
661	Predictive growth kinetic parameters and modelled probabilities of deoxynivalenol production by <i>Fusarium graminearum</i> on wheat during simulated storing conditions. <i>Journal of Applied Microbiology</i> , 2022, 133, 349-361.	1.4	9
662	4-Phenylbutyric acid alleviated 3-acetyldeoxynivalenol-induced immune cells response by inhibiting endoplasmic reticulum stress in mouse spleen. <i>Food and Chemical Toxicology</i> , 2022, , 113002.	1.8	3
663	Deoxynivalenol induces apoptosis and inflammation in the liver: Analysis using precision-cut liver slices. <i>Food and Chemical Toxicology</i> , 2022, 163, 112930.	1.8	16
664	GPTransformer: A Transformer-Based Deep Learning Method for Predicting <i>Fusarium</i> Related Traits in Barley. <i>Frontiers in Plant Science</i> , 2021, 12, 761402.	1.7	11
665	Occurrence of deoxynivalenol and nivalenol in Korean ginger and the optimal storage conditions for reducing mycotoxins. <i>Korean Journal of Food Preservation</i> , 2021, 28, 878-889.	0.2	3
666	Mycotoxins in food and feed: toxicity, preventive challenges, and advanced detection techniques for associated diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 8489-8510.	5.4	33
667	Protective Effects of Ferulic Acid on Deoxynivalenol-Induced Toxicity in IPEC-J2 Cells. <i>Toxins</i> , 2022, 14, 275.	1.5	10
674	Biocontrol of <i>Fusarium graminearum</i> , a Causal Agent of <i>Fusarium</i> Head Blight of Wheat, and Deoxynivalenol Accumulation: From In Vitro to In Planta. <i>Toxins</i> , 2022, 14, 299.	1.5	12
675	Contamination, Detection and Control of Mycotoxins in Fruits and Vegetables. <i>Toxins</i> , 2022, 14, 309.	1.5	30
677	The Endoplasmic Reticulum Cargo Receptor FgErV14 Regulates DON Production, Growth and Virulence in <i>Fusarium graminearum</i> . <i>Life</i> , 2022, 12, 799.	1.1	1
678	Deoxynivalenol: An Overview on Occurrence, Chemistry, Biosynthesis, Health Effects and Its Detection, Management, and Control Strategies in Food and Feed. <i>Microbiology Research</i> , 2022, 13, 292-314.	0.8	18
679	Enantioselective effect of chiral fungicide prothioconazole on <i>Fusarium graminearum</i> : Fungicidal activity and DON biosynthesis. <i>Environmental Pollution</i> , 2022, 307, 119553.	3.7	8
681	Glucose-Dependent Insulinotropic Polypeptide and Substance P Mediate Emetic Response Induction by Masked Trichothecene Deoxynivalenol-3-Glucoside through Ca ²⁺ Signaling. <i>Toxins</i> , 2022, 14, 371.	1.5	1
682	Nutritional impact of mycotoxins in food animal production and strategies for mitigation. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, .	2.1	32

#	ARTICLE	IF	CITATIONS
683	Exposure of intestinal explants to NX, but not to DON, enriches the secretome in mitochondrial proteins. <i>Archives of Toxicology</i> , 2022, 96, 2609-2619.	1.9	5
685	Exposure assessment of urinary deoxynivalenol in pregnant women in Wuhan, China. <i>Food and Chemical Toxicology</i> , 2022, 167, 113289.	1.8	3
686	Adverse Effects of Fusarium Toxins in Ruminants: A Review of In Vivo and In Vitro Studies. <i>Dairy</i> , 2022, 3, 474-499.	0.7	9
687	Deoxynivalenol exposure during pregnancy has adverse effects on placental structure and immunity in mice model. <i>Reproductive Toxicology</i> , 2022, 112, 109-118.	1.3	3
688	Deterministic and Probabilistic Dietary Exposure Assessment to Deoxynivalenol in Spain and the Catalonia Region. <i>Toxins</i> , 2022, 14, 506.	1.5	6
689	Probabilistic Risk Assessment of Combined Exposure to Deoxynivalenol and Emerging Alternaria Toxins in Cereal-Based Food Products for Infants and Young Children in China. <i>Toxins</i> , 2022, 14, 509.	1.5	7
690	Nivalenol Mycotoxin Concerns in Foods: An Overview on Occurrence, Impact on Human and Animal Health and Its Detection and Management Strategies. <i>Toxins</i> , 2022, 14, 527.	1.5	15
691	Deoxynivalenol fluorescence aptasensor based on AuCu bimetallic nanoclusters and MoS ₂ . <i>Mikrochimica Acta</i> , 2022, 189, .	2.5	7
692	Environment, Grain Development, and Harvesting Strategy Effects on Zearalenone Contamination of Grain from Fusarium Head Blight-affected Wheat Spikes. <i>Phytopathology</i> , 0, , .	1.1	1
693	Application of near-infrared spectroscopy for the nondestructive analysis of wheat flour: A review. <i>Current Research in Food Science</i> , 2022, 5, 1305-1312.	2.7	29
694	Deoxynivalenol Induces Apoptosis via FOXO3a-Signaling Pathway in Small-Intestinal Cells in Pig. <i>Toxics</i> , 2022, 10, 535.	1.6	6
695	Environmental Conditions After Fusarium Head Blight Visual Symptom Development Affect Contamination of Wheat Grain with Deoxynivalenol and Deoxynivalenol-3-Glucoside. <i>Phytopathology</i> , 2023, 113, 206-224.	1.1	3
696	The Drug H ⁺ Antiporter FgQdr2 Is Essential for Multiple Drug Resistance, Ion Homeostasis, and Pathogenicity in <i>Fusarium graminearum</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 1009.	1.5	3
697	Minimal impacts on the wheat microbiome when <i>Trichoderma gamsii</i> T6085 is applied as a biocontrol agent to manage fusarium head blight disease. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
698	Analytical Validation of a Direct Competitive ELISA for Multiple Mycotoxin Detection in Human Serum. <i>Toxins</i> , 2022, 14, 727.	1.5	12
699	Maize stalk rot caused by <i>Fusarium graminearum</i> alters soil microbial composition and is directly inhibited by <i>Bacillus siamensis</i> isolated from rhizosphere soil. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
700	FgLEU1 Is Involved in Leucine Biosynthesis, Sexual Reproduction, and Full Virulence in <i>Fusarium graminearum</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 1090.	1.5	2
701	Combatting Fusarium head blight: advances in molecular interactions between <i>Fusarium graminearum</i> and wheat. <i>Phytopathology Research</i> , 2022, 4, .	0.9	11

#	ARTICLE	IF	CITATIONS
702	Analysis of RIOK2 Functions in Mediating the Toxic Effects of Deoxynivalenol in Porcine Intestinal Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12712.	1.8	4
703	Effects of tempering with plasma activated water on the degradation of deoxynivalenol and quality properties of wheat. <i>Food Research International</i> , 2022, 162, 112070.	2.9	5
704	Animal performance and biochemical parameters are sex-dependent in peripubertal rats exposed to deoxynivalenol. <i>Toxicon</i> , 2022, 220, 106944.	0.8	2
705	Mycotoxins: still with us after all these years. , 2023, , 62-78.		2
706	<i>Fusarium graminearum</i> GGA protein is critical for fungal development, virulence and ascospore discharge through its involvement in vesicular trafficking. <i>Environmental Microbiology</i> , 2022, 24, 6290-6306.	1.8	1
707	Barley Resistance to <i>Fusarium graminearum</i> Infections: From Transcriptomics to Field with Food Safety Concerns. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 14571-14587.	2.4	8
708	Deoxynivalenol triggers porcine intestinal tight junction disorder: Insights from mitochondrial dynamics and mitophagy. <i>Ecotoxicology and Environmental Safety</i> , 2022, 248, 114291.	2.9	13
709	Optimizing extraction solvents for deoxynivalenol analysis in maize <i>via</i> infrared attenuated total reflection spectroscopy and chemometric methods. <i>Analytical Methods</i> , 2022, 15, 36-47.	1.3	2
710	Antifungal activities of metconazole against the emerging wheat pathogen <i>Fusarium pseudograminearum</i> . <i>Pesticide Biochemistry and Physiology</i> , 2023, 190, 105298.	1.6	6
711	Crosstalk between Mycotoxins and Intestinal Microbiota and the Alleviation Approach via Microorganisms. <i>Toxins</i> , 2022, 14, 859.	1.5	2
712	Degradation of deoxynivalenol in wheat by double dielectric barrier discharge cold plasma: identification and pathway of degradation products. <i>Journal of the Science of Food and Agriculture</i> , 2023, 103, 2347-2356.	1.7	2
713	Glycyrrhizic Acid and Compound Probiotics Supplementation Alters the Intestinal Transcriptome and Microbiome of Weaned Piglets Exposed to Deoxynivalenol. <i>Toxins</i> , 2022, 14, 856.	1.5	2
714	Fungal Secondary Metabolites and Small RNAs Enhance Pathogenicity during Plant-Fungal Pathogen Interactions. <i>Journal of Fungi (Basel, Switzerland)</i> , 2023, 9, 4.	1.5	5
715	Substance P and Glucagon-like Peptide-17-36 Amide Mediate Anorexic Responses to Trichothecene Deoxynivalenol and Its Congeners. <i>Toxins</i> , 2022, 14, 885.	1.5	2
716	Sodium butyrate alleviates deoxynivalenol-induced hepatic cholesterol metabolic dysfunction via ROR γ -mediated histone acetylation modification in weaning piglets. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, .	2.1	3
718	Protocooperative Effect of <i>Sphaerodes mycoparasitica</i> Biocontrol and Crop Genotypes on FHB Mycotoxin Reduction in Bread and Durum Wheat Grains Intended for Human and Animal Consumption. <i>Microorganisms</i> , 2023, 11, 159.	1.6	1
719	Electrochemical Degradation and Toxicity Evaluation of Deoxynivalenol in Wheat Grains. <i>ACS Food Science & Technology</i> , 2023, 3, 224-230.	1.3	2
720	Transcriptome Profile of <i>Fusarium graminearum</i> Treated by Putrescine. <i>Journal of Fungi (Basel, Tj ETQq1 1 0.784314_rgBT /Oyerlock 10</i>	1.5	2

#	ARTICLE	IF	CITATIONS
721	Anti-phytopathogenic activity and the mechanisms of phthalides from <i>Angelica sinensis</i> (Oliv.) Diels. <i>Pest Management Science</i> , 2023, 79, 2135-2146.	1.7	4
722	Biomarkers for Assessing Mycotoxin Exposure and Health Effects. <i>Biomarkers in Disease</i> , 2023, , 243-270.	0.0	0
723	Mycotoxins: Structure, Biosynthesis, Health Effects, and Their Biological Detoxification. , 2023, , 479-508.		0
724	Carotenoids Occurring in Maize Affect the Redox Homeostasis of <i>Fusarium graminearum</i> and Its Production of Type B Trichothecene Mycotoxins: New Insights Supporting Their Role in Maize Resistance to Giberella Ear Rot. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 3285-3296.	2.4	3
725	Harmonized human biomonitoring in European children, teenagers and adults: EU-wide exposure data of 11 chemical substance groups from the HBM4EU Aligned Studies (2014-2021). <i>International Journal of Hygiene and Environmental Health</i> , 2023, 249, 114119.	2.1	27
726	Lactational exposure to Deoxynivalenol causes mammary gland injury via inducing inflammatory response and impairing blood-milk barrier integrity in mice. <i>Ecotoxicology and Environmental Safety</i> , 2023, 255, 114773.	2.9	0
727	Urinary and Serum Concentration of Deoxynivalenol (DON) and DON Metabolites as an Indicator of DON Contamination in Swine Diets. <i>Toxins</i> , 2023, 15, 120.	1.5	1
728	Toxicity of the Mycotoxin Deoxynivalenol on Early Cleavage of Mouse Embryos by Fluorescence Intensity Analysis. <i>Microscopy and Microanalysis</i> , 2023, 29, 754-761.	0.2	0
729	Influence of deoxynivalenol-contaminated feed on the immune response of pigs after PRRSV vaccination and infection. <i>Archives of Toxicology</i> , 2023, 97, 1079-1089.	1.9	1
730	Bone Marrow Mesenchymal Stem-Cell-Derived Exosomes Ameliorate Deoxynivalenol-Induced Mice Liver Damage. <i>Antioxidants</i> , 2023, 12, 588.	2.2	2
731	Dietary taurine supplementation counteracts deoxynivalenol-induced liver injury via alleviating oxidative stress, mitochondrial dysfunction, apoptosis, and inflammation in piglets. <i>Ecotoxicology and Environmental Safety</i> , 2023, 253, 114705.	2.9	9
732	Tumor tissue microorganisms are closely associated with tumor immune subtypes. <i>Computers in Biology and Medicine</i> , 2023, 157, 106774.	3.9	0
733	Neither glucagon-like peptide 1 receptors nor GDNF family receptor β -like neurons are required for aversive or anorectic response to deoxynivalenol (vomitoxin). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2023, 324, R635-R644.	0.9	0
734	Deoxynivalenol in food and feed: Recent advances in decontamination strategies. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	3
735	Development and application of lateral flow strip with three test lines for detection of deoxynivalenol in wheat. <i>Food Chemistry</i> , 2023, 421, 136114.	4.2	0
736	Maternal exposure to multiple mycotoxins and adverse pregnancy outcomes: a prospective cohort study in rural Bangladesh. <i>Archives of Toxicology</i> , 0, , .	1.9	3
756	Deoxynivalenol: Emerging Toxic Mechanisms and Control Strategies, Current and Future Perspectives. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 10901-10915.	2.4	4