Mycotoxin contamination and control strategy in huma review

Microbial Pathogenesis

142, 104095

DOI: 10.1016/j.micpath.2020.104095

Citation Report

#	Article	IF	Citations
1	The use of plant extracts and their phytochemicals for control of toxigenic fungi and mycotoxins. Heliyon, 2020, 6, e05291.	1.4	71
2	Mycotoxins in Feed and Food and the Role of Ozone in Their Detoxification and Degradation: An Update. Toxins, 2020, 12, 486.	1.5	53
3	Molecular Aspects of Mycotoxinsâ€"A Serious Problem for Human Health. International Journal of Molecular Sciences, 2020, 21, 8187.	1.8	93
4	Recent advances on emerging nanomaterials for controlling the mycotoxin contamination: From detection to elimination. Food Frontiers, 2020, 1, 360-381.	3.7	32
5	Lactic acid bacteria bio-detoxified aflatoxins contaminated cereals, ameliorate toxicological effects and improve haemato-histological parameters in albino rats. Toxin Reviews, 2021, 40, 985-996.	1.5	3
6	An update on T-2 toxin and its modified forms: metabolism, immunotoxicity mechanism, and human exposure assessment. Archives of Toxicology, 2020, 94, 3645-3669.	1.9	50
7	Pre-Concentration and Analysis of Mycotoxins in Food Samples by Capillary Electrophoresis. Molecules, 2020, 25, 3441.	1.7	13
8	Guidance on date marking and related food information: part 1 (date marking). EFSA Journal, 2020, 18, e06306.	0.9	17
9	Mycotoxins Analysis in Cereals and Related Foodstuffs by Liquid Chromatography-Tandem Mass Spectrometry Techniques. Journal of Food Quality, 2020, 2020, 1-23.	1.4	13
10	A Review on Mycotoxins and Microfungi in Spices in the Light of the Last Five Years. Toxins, 2020, 12, 789.	1.5	35
11	The Effects of Fungal Feed Additives in Animals: A Review. Animals, 2020, 10, 805.	1.0	27
12	Acoustic-Based Screening Method for the Detection of Total Aflatoxin in Corn and Biological Detoxification in Bioethanol Production. Frontiers in Microbiology, 2020, 11, 543.	1.5	4
13	Study of the antibiotic residues in poultry meat in some of the EU countries and selection of the best compositions of lactic acid bacteria and essential oils against Salmonella enterica. Poultry Science, 2020, 99, 4065-4076.	1.5	21
14	Evaluation of Two Fully Automated Setups for Mycotoxin Analysis Based on Online Extraction-Liquid Chromatographyâ€"Tandem Mass Spectrometry. Molecules, 2020, 25, 2756.	1.7	11
15	Aflatoxin-degrading Bacillus sp. strains degrade zearalenone and produce proteases, amylases and cellulases of agro-industrial interest. Toxicon, 2020, 180, 43-48.	0.8	31
16	A review on novel nonâ€thermal food processing techniques for mycotoxin reduction. International Journal of Food Science and Technology, 2021, 56, 13-27.	1.3	45
17	Thermal Decontamination Technologies for Microorganisms and Mycotoxins in Low-Moisture Foods. Annual Review of Food Science and Technology, 2021, 12, 287-305.	5.1	27
18	A novel Î±-Fe2O3 nanocubes-based multiplex immunochromatographic assay for simultaneous detection of deoxynivalenol and aflatoxin B1 in food samples. Food Control, 2021, 123, 107811.	2.8	26

#	Article	IF	Citations
19	Prevalence of mycotoxigenic fungi and assessment of aflatoxin contamination: a multiple case study along the integrated cornâ€based poultry feed supply chain in Malaysia. Journal of the Science of Food and Agriculture, 2021, 101, 1812-1821.	1.7	6
20	Pre-warning of abiotic factors in maize required for potential contamination of fusarium mycotoxins via response surface analysis. Food Control, 2021, 121, 107570.	2.8	12
21	Omics in the detection and identification of biosynthetic pathways related to mycotoxin synthesis. Analytical Methods, 2021, 13, 4038-4054.	1.3	5
22	Occurrence, Impact on Agriculture, Human Health, and Management Strategies of Zearalenone in Food and Feed: A Review. Toxins, 2021, 13, 92.	1.5	71
23	Trichothecenes in Food and Feed, Relevance to Human and Animal Health and Methods of Detection: A Systematic Review. Molecules, 2021, 26, 454.	1.7	58
24	Current role of modern chromatography and mass spectrometry in the analysis of mycotoxins in food. TrAC - Trends in Analytical Chemistry, 2021, 135, 116156.	5.8	38
25	Transcriptomics and flow cytometry reveals the cytotoxicity of aflatoxin B1 and aflatoxin M1 in bovine mammary epithelial cells. Ecotoxicology and Environmental Safety, 2021, 209, 111823.	2.9	24
26	Physical methods of mycotoxin content reduction in feeds and application of them in the compound feed industry (review). Agricultural Science Euro-North-East, 2021, 22, 32-46.	0.2	0
27	Mycotoxins in artisanal beers: An overview of relevant aspects of the raw material, manufacturing steps and regulatory issues involved. Food Research International, 2021, 141, 110114.	2.9	12
28	Biomarkers of Deoxynivalenol Toxicity in Chickens with Special Emphasis on Metabolic and Welfare Parameters. Toxins, 2021, 13, 217.	1.5	6
29	Recent advances on immunosensors for mycotoxins in foods and other commodities. TrAC - Trends in Analytical Chemistry, 2021, 136, 116193.	5.8	58
30	Mycotoxins in cereals and pulses harvested in Latvia by nanoLC-Orbitrap MS. Food Additives and Contaminants: Part B Surveillance, 2021, 14, 115-123.	1.3	7
31	Nicotinamide Effectively Suppresses Fusarium Head Blight in Wheat Plants. International Journal of Molecular Sciences, 2021, 22, 2968.	1.8	13
32	Determination of aflatoxins, deoxynivalenol, ochratoxin A and zearalenone in organic wheat flour under different storage conditions. International Journal of Food Science and Technology, 2021, 56, 4139-4148.	1.3	12
33	QuEChERS LCâ€“MS/MS Screening Method for Mycotoxin Detection in Cereal Products and Spices. International Journal of Environmental Research and Public Health, 2021, 18, 3774.	1.2	38
34	Investigation of a Novel Multicomponent Mycotoxin Detoxifying Agent in Amelioration of Mycotoxicosis Induced by Aflatoxin-B1 and Ochratoxin A in Broiler Chicks. Toxins, 2021, 13, 367.	1.5	18
35	Prevalence and concentration of mycotoxins (Aflatoxin B1, Ochratoxin A, Deoxynivalenol and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 Jordan. International Journal of Environmental Analytical Chemistry, 0, , 1-13.	1.8	1
36	Effects of food safety education on knowledge, attitude, and practice of schoolchildren in southern Taiwan: A propensity score-matched observational study. Food Control, 2021, 124, 107360.	2.8	3

#	Article	IF	Citations
37	PPAR-Î³ with its anti-fibrotic action could serve as an effective therapeutic target in T-2 toxin-induced cardiac fibrosis of rats. Food and Chemical Toxicology, 2021, 152, 112183.	1.8	12
38	Simultaneous degradation of two mycotoxins enabled by a fusion enzyme in food-grade recombinant Kluyveromyces lactis. Bioresources and Bioprocessing, 2021, 8, .	2.0	24
39	Occurrence of Aflatoxin B1, deoxynivalenol and zearalenone in feeds in China during 2018â€“2020. Journal of Animal Science and Biotechnology, 2021, 12, 74.	2.1	98
40	Integrated Mycotoxin Management System in the Feed Supply Chain: Innovative Approaches. Toxins, 2021, 13, 572.	1.5	30
41	Induction of anti-Zearalenone immune response with mimotopes identified from a phage display peptide library. Toxicon, 2021, 199, 1-6.	0.8	6
42	Mycotoxins: Food Safety, Consumer Health and Africaâ€™s Food Security. Polycyclic Aromatic Compounds, 2022, 42, 5779-5795.	1.4	8
43	Prevalence, level and health risk assessment of mycotoxins in the fried poultry eggs from Jordan. Environmental Research, 2021, 200, 111701.	3.7	4
44	Disposable Paper-Based Biosensors for the Point-of-Care Detection of Hazardous Contaminationsâ€”A Review. Biosensors, 2021, 11, 316.	2.3	48
45	A Rapid and Sensitive Fluorescent Microsphere-Based Lateral Flow Immunoassay for Determination of Aflatoxin B1 in Distillersâ€™ Grains. Foods, 2021, 10, 2109.	1.9	7
46	Current technologies to control fungal diseases in postharvest papaya (Carica papaya L.). Biocatalysis and Agricultural Biotechnology, 2021, 36, 102128.	1.5	9
47	Improved sensitive fluorescent/visible dual detection count plate for mold and yeast in food. Food Control, 2021, 128, 108174.	2.8	3
48	Zearalenone exposure mediated hepatotoxicity via mitochondrial apoptotic and autophagy pathways: Associated with gut microbiome and metabolites. Toxicology, 2021, 462, 152957.	2.0	18
49	Magnetic dispersive solid phase extraction of ZEAralenone using Fe3O4@ hydroxy propyl methyl cellulose nanocomposite from wheat flour samples prior to fluorescence determination: Multivariate optimization by Taguchi design. Microchemical Journal, 2021, 170, 106682.	2.3	10
50	Colorimetric immunoassay via smartphone based on Mn2+-Mediated aggregation of AuNPs for convenient detection of fumonisin B1. Food Control, 2022, 132, 108481.	2.8	30
51	Antagonistic activity of Bacillus subtilis CW14 and its Î²-glucanase against Aspergillus ochraceus. Food Control, 2022, 131, 108475.	2.8	11
52	Variants of Amperometric Biosensors in the Determination of Some Mycotoxins: Analytical Capabilities. , 2021, , 213-224.		0
53	Sol-gel technology for greener and more sustainable antimicrobial textiles that use silica matrices with C, and Ag and ZnO as biocides. Current Research in Green and Sustainable Chemistry, 2021, 4, 100177.	2.9	6
54	A magnetic-separation-based homogeneous immunosensor for the detection of deoxynivalenol coupled with a nano-affinity cleaning up for LC-MS/MS confirmation. Food and Agricultural Immunology, 2021, 32, 204-220.	0.7	4

#	Article	IF	Citations
55	Recent advances on the efficacy of essential oils on mycotoxin secretion and their mode of action. Critical Reviews in Food Science and Nutrition, 2022, 62, 4726-4751.	5.4	22
56	Impact of Mycotoxins on Animalsâ€™ Oxidative Status. Antioxidants, 2021, 10, 214.	2.2	56
57	Characteristics, Occurrence, Detection and Detoxification of Aflatoxins in Foods and Feeds. Foods, 2020, 9, 644.	1.9	80
58	Research progress on photoelectrochemical sensors for contamination analysis in agricultural fields. Analytical Sciences, 2022, 38, 459-481.	0.8	16
59	A worldwide systematic review, metaâ€analysis, and health risk assessment study of mycotoxins in beers. Comprehensive Reviews in Food Science and Food Safety, 2021, 20, 5742-5764.	5.9	11
60	Efficient Degradation of Aflatoxin B1 and Zearalenone by Laccase-like Multicopper Oxidase from Streptomyces thermocarboxydus in the Presence of Mediators. Toxins, 2021, 13, 754.	1.5	21
61	Research advance in gas detection of volatile organic compounds released in rice quality deterioration process. Comprehensive Reviews in Food Science and Food Safety, 2021, 20, 5802-5828.	5.9	18
62	Optimization of the QuEChERS-Based Analytical Method for Investigation of 11 Mycotoxin Residues in Feed Ingredients and Compound Feeds. Toxins, 2021, 13, 767.	1.5	11
63	Efficacy of Bottle Gourd Seedsâ€™ Extracts in Chemical Hazard Reduction Secreted as Toxigenic Fungi Metabolites. Toxins, 2021, 13, 789.	1.5	13
64	Physico-chemical characteristics and aflatoxins production of Atractylodis Rhizoma to different storage temperatures and humidities. AMB Express, 2021, 11, 155.	1.4	4
65	Pathways of Mycotoxin Occurrence in Meat Products: A Review. Processes, 2021, 9, 2122.	1.3	11
66	Urinary Biomarkers of Mycotoxin Induced Nephrotoxicityâ€”Current Status and Expected Future Trends. Toxins, 2021, 13, 848.	1.5	10
67	Quality and Safety of Feeds and Beef of Farms Supplying Meat for Baby Food. Lecture Notes in Networks and Systems, 2022, , 232-242.	0.5	0
68	Metagenomic and proteomic approaches in elucidating aflatoxin B1 detoxification mechanisms of probiotic Lactobacillus casei Shirota towards intestine. Food and Chemical Toxicology, 2022, 160, 112808.	1.8	8
69	Degradation and stress response mechanism of Cryptococcus podzolicus Y3 on ochratoxin A at the transcriptional level. LWT - Food Science and Technology, 2022, 157, 113061.	2.5	6
70	Chemical Degradation of Aflatoxins. , 2021, , 233-258.		1
71	INFLUENCE OF SPORO-LEX AND ANALCIM-SI ON THE MICROFLORA OF THE BIRD'S GASTROINTESTINAL TRACT. Scientific and Technical Bulletin Ð¾f State Scientific Research Control Institute of Veterinary Medical Products and Fodder Additives Ð°nd Institute of Animal Biology, 2021, 22, 25-32.	0.1	0
72	Multiclass and multi-residue screening of mycotoxins, pharmacologically active substances, and pesticides in infant milk formulas through ultra-high-performance liquid chromatography coupled with high-resolution mass spectrometry analysis. Journal of Dairy Science, 2022, 105, 2948-2962.	1.4	15

#	Article	IF	Citations
73	Mycotoxins detection: view in the lens of molecularly imprinted polymer and nanoparticles. Critical Reviews in Food Science and Nutrition, 2023, 63, 6034-6068.	5.4	8
74	Use of essential oils and phytochemicals against the mycotoxins producing fungi for shelfâ€life enhancement and food preservation. International Journal of Food Science and Technology, 2022, 57, 2171-2184.	1.3	15
75	Chitosan and its derivatives: Promising biomaterial in averting fungal diseases of sugarcane and other crops. Journal of Basic Microbiology, 2022, 62, 533-554.	1.8	10
76	Invited review: Remediation strategies for mycotoxin control in feed. Journal of Animal Science and Biotechnology, 2022, 13, 19.	2.1	65
77	Environmental contaminants and their influence on health and female reproduction. , 2022, , 21-79.		4
78	Mesoporous silica nanoparticles incorporated with zinc oxide as a novel antifungal agent against toxigenic fungi strains. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2022, 57, 176-183.	0.7	5
79	Efficacy of Fumonisin Esterase in Piglets as Animal Model for Fumonisin Detoxification in Humans: Pilot Study Comparing Intraoral to Intragastric Administration. Toxins, 2022, 14, 136.	1.5	1
80	Food-Grade Expression of Manganese Peroxidases in Recombinant Kluyveromyces lactis and Degradation of Aflatoxin B1 Using Fermentation Supernatants. Frontiers in Microbiology, 2021, 12, 821230.	1.5	7
81	Progress and challenges in sensing of mycotoxins using molecularly imprinted polymers. Environmental Pollution, 2022, 305, 119218.	3.7	23
82	Industrial-Scale Production of Mycotoxin Binder from the Red Yeast Sporidiobolus pararoseus KM281507. Journal of Fungi (Basel, Switzerland), 2022, 8, 353.	1.5	8
83	Antifungal and antiocratoxigenic potential of Alpinia speciosa and Cymbopogon flexuosus essential oils encapsulated in poly(lactic acid) nanofibers against Aspergillus fungi. Letters in Applied Microbiology, 2022, , .	1.0	2
84	The evolution of multiplex detection of mycotoxins using immunoassay platform technologies. Journal of Hazardous Materials, 2022, 432, 128706.	6.5	38
85	Genome-wide transcriptional profiling and functional analysis reveal miR-330-MAPK15 axis involving in cellular responses to deoxynivalenol exposure. Chemosphere, 2022, 298, 134199.	4.2	3
86	Occurrence and exposure assessment of aflatoxin B1 in Iranian breads and wheat-based products considering effects of traditional processing. Food Control, 2022, 138, 108985.	2.8	8
87	Heterologous Expression of Macrollins from Phytopathogenic Macrophomina phaseolina Revealed a Cytochrome P450 Mono-oxygenase in the Biosynthesis of Î²-Hydroxyl Tetramic Acid. Journal of Agricultural and Food Chemistry, 2021, 69, 15175-15183.	2.4	4
89	Agro-industrial Waste Products as Mycotoxin Biosorbents: A Review of in Vitro and in Vivo Studies. Food Reviews International, 2023, 39, 2914-2930.	4.3	2
90	Sensitive, simultaneous and quantitative detection of deoxynivalenol and fumonisin B1 in the water environment using lateral flow immunoassay integrated with smartphone. Science of the Total Environment, 2022, 834, 155354.	3.9	13
91	Biodegradation of Fumonisins by the Consecutive Action of a Fusion Enzyme. Toxins, 2022, 14, 266.	1.5	6

#	Article	IF	Citations
92	Ochratoxin A as an alarming health threat for livestock and human: A review on molecular interactions, mechanism of toxicity, detection, detoxification, and dietary prophylaxis. Toxicon, 2022, 213, 59-75.	0.8	23
93	In vitro mycotoxin binding capacities of clays, glucomannan and their combinations. Toxicon, 2022, 214, 93-103.	0.8	3
94	The Influence of Some Contaminants in Food Quality. , 0, , .		0
95	Horseradish Peroxidase: Analytical Capabilities in the Determination of Zearalenone. Journal of Analytical Chemistry, 2022, 77, 671-680.	0.4	0
96	Trichoderma Enzymes for Degradation of Aflatoxin B1 and Ochratoxin A. Molecules, 2022, 27, 3959.	1.7	14
97	Nutritional impact of mycotoxins in food animal production and strategies for mitigation. Journal of Animal Science and Biotechnology, 2022, 13, .	2.1	32
98	Removal of aflatoxin B1 and zearalenone by clay mineral materials: In the animal industry and environment. Applied Clay Science, 2022, 228, 106614.	2.6	11
99	Dual-Target Electrochemical Sensor Based on 3D MoS2-rGO and Aptamer Functionalized Probes for Simultaneous Detection of Mycotoxins. Frontiers in Chemistry, 0, 10, .	1.8	4
100	A versatile Y shaped DNA nanostructure for simple, rapid and one-step detection of mycotoxins. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 281, 121634.	2.0	7
101	A review of toxigenic fungi and mycotoxins in feeds and food commodities in West Africa. World Mycotoxin Journal, 2022, 16, 33-47.	0.8	6
102	Antifungal and antimycotoxic activities of 3 essential oils against 3 mycotoxinogenic fungi. Archives of Microbiology, 2022, 204, .	1.0	3
103	Strategies to control mycotoxins and toxigenic fungi contamination by nano-semiconductor in food and agro-food: a review. Critical Reviews in Food Science and Nutrition, 2023, 63, 12488-12512.	5.4	12
104	Protocatechuic acid: A novel detoxication agent of fumonisin B1 for poultry industry. Frontiers in Veterinary Science, 0, 9, .	0.9	3
105	Mycotoxins â€¦ Silent Death. , 0, , .		0
106	Modulatory Effects of Arctostaphylos uva-urs Extract In Ovo Injected into Broiler Embryos Contaminated by Aflatoxin B1. Animals, 2022, 12, 2042.	1.0	13
107	The efficacy of metal nanocomposite (Fe3O4/CuO/ZnO) to ameliorate the toxic effects of ochratoxin in broilers. BMC Veterinary Research, 2022, 18, .	0.7	2
108	Trichoderma asperellum GDFS1009 â€mediated maize resistance against Fusarium graminearum stalk rot and mycotoxin degradation. Biological Control, 2022, 174, 105026.	1.4	10
109	Co-occurrence of mycotoxins: A review on bioanalytical methods for simultaneous analysis in human biological samples, mixture toxicity and risk assessment strategies. Toxicon, 2022, 218, 25-39.	0.8	10

#	Article	IF	Citations
110	Food bioactive compounds with prevention functionalities against fungi and mycotoxins: developments and challenges. Current Opinion in Food Science, 2022, 48, 100916.	4.1	4
111	A review of recent innovative strategies for controlling mycotoxins in foods. Food Control, 2023, 144, 109350.	2.8	46
112	Effects of feeding variable levels of mycotoxins with or without a mitigation strategy on growth performance, gut permeability, and oxidative biomarkers in nursery pigs. Translational Animal Science, 2022, 6, .	0.4	0
113	Can Red Yeast (Sporidiobolus pararoseus) Be Used as a Novel Feed Additive for Mycotoxin Binders in Broiler Chickens?. Toxins, 2022, 14, 678.	1.5	4
114	Lactobacillus plantarum and Deoxynivalenol Detoxification: A Concise Review. Journal of Food Protection, 2022, 85, 1815-1823.	0.8	3
115	Centrifugation-Assisted Solid-Phase Extraction Coupled with UPLC-MS/MS for the Determination of Mycotoxins in ARECAE Semen and Its Processed Products. Toxins, 2022, 14, 742.	1.5	1
116	Aflatoxin B1 Toxicity and Protective Effects of Curcumin: Molecular Mechanisms and Clinical Implications. Antioxidants, 2022, 11, 2031.	2.2	23
117	Ochratoxin A in Dry-Cured Ham: OTA-Producing Fungi, Prevalence, Detection Methods, and Biocontrol Strategiesâ€"A Review. Toxins, 2022, 14, 693.	1.5	3
118	Low doses of fumonisin B1 exacerbate ochratoxin A-induced renal injury in mice and the protective roles of heat shock protein 70. Chemico-Biological Interactions, 2023, 369, 110240.	1.7	2
119	Zearalenone Induces Apoptosis in Porcine Endometrial Stromal Cells through JNK Signaling Pathway Based on Endoplasmic Reticulum Stress. Toxins, 2022, 14, 758.	1.5	7
120	Predictive models for assessing the risk of Fusarium pseudograminearum mycotoxin contamination in post-harvest wheat with multi-parameter integrated sensors. Food Chemistry: X, 2022, 16, 100472.	1.8	1
121	Nanobiotechnological strategies for detection of mycotoxins in food products. , 2023, , 511-541.		0
122	Antifungal Activity of Biosynthesized Silver Nanoparticles (AgNPs) against Aspergilli Causing Aspergillosis: Ultrastructure Study. Journal of Functional Biomaterials, 2022, 13, 242.	1.8	28
123	Small Peptides in the Detection of Mycotoxins and Their Potential Applications in Mycotoxin Removal. Toxins, 2022, 14, 795.	1.5	8
124	Mitigation of aflatoxin B₁ in fish feed by peroxidase from soybean meal. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2023, 40, 110-120.	1.1	1
125	GC-ToF-MS based phytochemical analysis and anti-mycotoxigenic activity of South African medicinal plants, Mystroxylon aethiopicum (Thunb.) Loes. and Spirostachys africana Sond.. South African Journal of Botany, 2023, 153, 11-20.	1.2	1
126	Recent advances in immunoassay-based mycotoxin analysis and toxicogenomic technologies. Journal of Food and Drug Analysis, 2022, 30, 549-561.	0.9	4
127	A Novel Cost-Effective Nanobody against Fumonisin B1 Contaminations: Efficacy Test in Dairy Milk and Chickens. Toxins, 2022, 14, 821.	1.5	3

#	Article	IF	Citations
128	Morphological and cultural characterization of two Fusarium isolates causing wheat fusarium head blight in Algeria. Notulae Scientia Biologicae, 2022, 14, 11318.	0.1	0
129	A novel electrochemical aptasensor based on rolling circle amplification-driven Ag+-DNAzyme amplification for ochratoxin A detection. Chinese Journal of Analytical Chemistry, 2022, , 100217.	0.9	0
130	Biosynthesis of zinc oxide and silver/zinc oxide nanoparticles from Urginea epigea for antibacterial and antioxidant applications. Heliyon, 2022, 8, e12243.	1.4	7
131	Magnetic Nanoseparation Technology for Efficient Control of Microorganisms and Toxins in Foods: A Review. Journal of Agricultural and Food Chemistry, 2022, 70, 16050-16068.	2.4	6
132	Development of an Immunofluorescent Capillary Sensor for the Detection of Zearalenone Mycotoxin. Toxins, 2022, 14, 866.	1.5	1
133	Sodium butyrate alleviates deoxynivalenol-induced hepatic cholesterol metabolic dysfunction via RORÎ³-mediated histone acetylation modification in weaning piglets. Journal of Animal Science and Biotechnology, 2022, 13, .	2.1	3
134	Electrochemistry Applied to Mycotoxin Determination in Food and Beverages. Food Analytical Methods, 2023, 16, 541-566.	1.3	3
135	Design of a new electrochemical aptasensor based on screen printed carbon electrode modified with gold nanoparticles for the detection of fumonisin B1 in maize flour. Journal of Nanobiotechnology, 2022, 20, .	4.2	2
136	Broiler breeder feed treatment with a formaldehyde-based sanitizer and its consequences on reproduction, feed and egg contamination, and offspring livability. Journal of Applied Poultry Research, 2023, , 100330.	0.6	0
137	Type B Trichothecenes in Cereal Grains and Their Products: Recent Advances on Occurrence, Toxicology, Analysis and Post-Harvest Decontamination Strategies. Toxins, 2023, 15, 85.	1.5	10
138	Effects of fumonisin and Salmonella infection in the expression of Toll-like receptors in chicken ovary. Journal of the Hellenic Veterinary Medical Society, 2022, 73, 4477-4484.	0.1	0
139	Mesoporous silica nanoparticles adsorb aflatoxin B₁ and reduce mycotoxin-induced cell damage. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 0, , 1-9.	0.7	0
140	Predictive Models for Assessing the Risk of Fusarium Pseudograminearum Mycotoxin Contamination in Post-Harvest Wheat with Temperature/Humidity/Moisture/Co2 Multi-Parameter Integrated Sensors. SSRN Electronic Journal, 0, , .	0.4	0
141	Current Status of Major Mycotoxins Contamination in Food and Feed in Asiaâ”€A Review. ACS Food Science & Technology, 2023, 3, 231-244.	1.3	9
142	Hazard characterisation for significant mycotoxins in food. Mycotoxin Research, 2023, 39, 81-93.	1.3	14
143	Lycopene ameliorates aflatoxin B1-induced testicular lesion by attenuating oxidative stress and mitochondrial damage with Nrf2 activation in mice. Ecotoxicology and Environmental Safety, 2023, 256, 114846.	2.9	1
144	Potential application of probiotics in mycotoxicosis reduction in mammals and poultry. Critical Reviews in Toxicology, 2022, 52, 731-741.	1.9	1
145	Mycotoxins occurrence in milk and cereals in North African countries â€“ a review. Critical Reviews in Toxicology, 2022, 52, 619-635.	1.9	4

#	Article	IF	Citations
146	Developing a new biologic toxin binder for reducing AFB1 toxicity in laying hens. Letters in Applied Microbiology, 2023, 76, .	1.0	0
147	Occurrence of mycotoxins in fermented tropical foods. , 2023, , 505-517.		0
148	Molecular Docking and In Vitro Studies of Ochratoxin A (OTA) Biodetoxification Testing Three Endopeptidases. Molecules, 2023, 28, 2019.	1.7	2
149	Reviews of fungi and mycotoxins in Chinese dark tea. Frontiers in Microbiology, 0, 14, .	1.5	2
150	The protective effects of Saccharomyces cerevisiae on the growth performance, intestinal health, and antioxidative capacity of mullet (Liza ramada) fed diets contaminated with aflatoxin B₁. Annals of Animal Science, 2023, 23, 859-868.	0.6	0
151	Recent Advances in Mycotoxin Determination in Fish Feed Ingredients. Molecules, 2023, 28, 2519.	1.7	3
152	Effects of Lactic Acid Bacteria Reducing the Content of Harmful Fungi and Mycotoxins on the Quality of Mixed Fermented Feed. Toxins, 2023, 15, 226.	1.5	4
153	Mycotoxins and Their Producers: Diversity, Side Effects and Control. , 2023, , 1-27.		1
154	Comprehensive review on patulin and Alternaria toxins in fruit and derived products. Frontiers in Plant Science, 0, 14, .	1.7	14
155	Mycotoxins as Food and Feed Contaminant: Effect on Health and Economy and Their Management. , 2023, , 531-563.		2
156	Fluorescent Sensor Based on Magnetic Separation and Strand Displacement Amplification for the Sensitive Detection of Ochratoxin A. ACS Omega, 2023, 8, 15741-15750.	1.6	2
157	Natural Antioxidant By-Product Mixture Counteracts the Effects of Aflatoxin B1 and Ochratoxin A Exposure of Piglets after Weaning: A Proteomic Survey on Liver Microsomal Fraction. Toxins, 2023, 15, 299.	1.5	1
158	Aflatoxins. , 2024, , 470-475.		0
184	Non-alcoholic Drink Safety and Halal Certification. , 2023, , 381-393.		0
187	Mycotoxins and Toxic Fungus in Food: Prevention and Sustainable Management Techniques. World Sustainability Series, 2024, , 343-363.	0.3	0
191	Mycotoxin contamination in the Arab world: Highlighting the main knowledge gaps and the current legislation. Mycotoxin Research, 0, , .	1.3	2
196	Application of Feed Additives in the Diets of Turkeys. , 2023, , 609-640.		0
197	Genetically Modified Food: Potentiality for Food and Nutritional Security in Saudi Arabia. , 2024, , 359-392.		0

#	Article	IF	Citations
201	Antidotes to mycotoxins and mushroom toxins. , 2024, , 99-119.		0