

Aflatoxins: Producing-Molds, Structure, Health Issues and Sub-Saharan African Countries

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Reduced graphene oxide-zinc oxide nanocomposite as dispersive solid-phase extraction sorbent for simultaneous enrichment and purification of multiple mycotoxins in <i>Coptidis rhizoma</i> (Huanglian) and analysis by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1630, 461515.	1.8	19
2	Mycotoxins in Ethiopia: A Review on Prevalence, Economic and Health Impacts. <i>Toxins</i> , 2020, 12, 648.	1.5	33
3	<i>Aspergillus flavus</i> and aflatoxin contamination in the maize value chain and what needs to be done in Tanzania. <i>Scientific African</i> , 2020, 10, e00606.	0.7	16
4	Pre-Harvest Modelling and Mitigation of Aflatoxins in Maize in a Changing Climatic Environment—A Review. <i>Toxins</i> , 2020, 12, 768.	1.5	31
5	A Review on Mycotoxins and Microfungi in Spices in the Light of the Last Five Years. <i>Toxins</i> , 2020, 12, 789.	1.5	35
6	Inhibition analysis of aflatoxin by <i>in silico</i> targeting the thioesterase domain of polyketide synthase enzyme in <i>Aspergillus</i> ssp. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4328-4340.	2.0	11
7	The Potential of Plant-Based Bioactive Compounds on Inhibition of Aflatoxin B1 Biosynthesis and Down-regulation of aflR, aflM and aflP Genes. <i>Antibiotics</i> , 2020, 9, 728.	1.5	20
8	Mechanism of inhibition of aflatoxin synthesis by non-aflatoxigenic strains of <i>Aspergillus flavus</i> . <i>Microbial Pathogenesis</i> , 2020, 147, 104280.	1.3	7
9	Deleterious missense variants in the aflatoxin biosynthesis genes explain the low toxicity of <i>Aspergillus flavus</i> from infected rice. <i>Microbial Pathogenesis</i> , 2021, 152, 104605.	1.3	5
10	Perspectives on Global Mycotoxin Issues and Management From the MycoKey Maize Working Group. <i>Plant Disease</i> , 2021, 105, 525-537.	0.7	47
11	Zero hunger and malnutrition in the African continent is potentially feasible, if nutrition programs are prioritized politically and scientifically. <i>Najfnr</i> , 2021, 4, S93-S108.	0.1	0
12	Toxic Effect of Aflatoxins in Dogs Fed Contaminated Commercial Dry Feed: A Review. <i>Toxins</i> , 2021, 13, 65.	1.5	12
13	Aflatoxin Detoxification Using Microorganisms and Enzymes. <i>Toxins</i> , 2021, 13, 46.	1.5	52
14	Factors affecting groundnut market supply in Western Oromia, Ethiopia. <i>Heliyon</i> , 2021, 7, e05892.	1.4	3
15	Zero hunger and malnutrition in the African continent is potentially feasible, if nutrition programs are prioritized politically and scientifically. <i>Najfnr</i> , 2021, 4, S93-S108.	0.1	0
16	Management strategies for aflatoxin risk mitigation in maize, dairy feeds and milk value chains—case study Kenya. <i>Food Quality and Safety</i> , 2021, 5, .	0.6	4
17	Practical considerations will ensure the continued success of pre-harvest biocontrol using non-aflatoxigenic <i>Aspergillus flavus</i> strains. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 4208-4225.	5.4	27
18	Individual and Combined Effects of Aflatoxin B1 and Sterigmatocystin on Lipid Peroxidation and Glutathione Redox System of Common Carp Liver. <i>Toxins</i> , 2021, 13, 109.	1.5	3

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19	Physical and Chemical Methods for Reduction in Aflatoxin Content of Feed and Food. <i>Toxins</i> , 2021, 13, 204.	1.5	63
20	Improved Sample Selection and Preparation Methods for Sampling Plans Used to Facilitate Rapid and Reliable Estimation of Aflatoxin in Chicken Feed. <i>Toxins</i> , 2021, 13, 216.	1.5	2
21	Aflatoxins: Food Safety, Human Health Hazards and Their Prevention. , 0, , .		2
22	Aflatoxin production by <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> on deoiled ground nyjer seeds. <i>World Mycotoxin Journal</i> , 2021, 14, 213-220.	0.8	1
23	Physiologically Active Molecules and Functional Properties of Soybeans in Human Healthâ€”A Current Perspective. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4054.	1.8	54
24	Fungal Toxins and Host Immune Responses. <i>Frontiers in Microbiology</i> , 2021, 12, 643639.	1.5	42
25	Worldwide aflatoxin contamination of agricultural products and foods: From occurrence to control. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 2332-2381.	5.9	102
26	The therapeutic landscape of hepatocellular carcinoma. <i>Med</i> , 2021, 2, 505-552.	2.2	20
27	Sensitive Metal Oxide-Clay Nanocomposite Colorimetric Sensor Development for Aflatoxin Detection in Foods: Corn and Almond. <i>ACS Omega</i> , 2021, 6, 14911-14925.	1.6	10
28	Pre- and postharvest factors affecting quality and safety of Pepper (<i>Piper nigrum</i> L.). <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , .	0.6	1
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30	Koji Starter and Koji World in Japan. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 569.	1.5	27
31	In vitro ability of nonviable cells of lactic acid bacteria strains in combination with sorbitan monostearate to bind to aflatoxin M1 in skimmed milk. <i>LWT - Food Science and Technology</i> , 2021, 147, 111666.	2.5	5
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33	Mycotoxins in Pistachios (<i>Pistacia vera</i> L.): Methods for Determination, Occurrence, Decontamination. <i>Toxins</i> , 2021, 13, 682.	1.5	16
34	Endophytes of Brazilian Medicinal Plants With Activity Against Phytopathogens. <i>Frontiers in Microbiology</i> , 2021, 12, 714750.	1.5	13
35	Occurrence and Health Risk Assessment of Aflatoxins through Intake of Eastern Herbal Medicines Collected from Four Districts of Southern Punjabâ€”Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9531.	1.2	6
36	Analysis of aflatoxin M1 contamination in milk and cheese produced in Mexico: a review. <i>World Mycotoxin Journal</i> , 2021, 14, 269-285.	0.8	3

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37	Distribution of <i>Aspergillus</i> Fungi and Recent Aflatoxin Reports, Health Risks, and Advances in Developments of Biological Mitigation Strategies in China. <i>Toxins</i> , 2021, 13, 678.	1.5	10
38	Hepatoprotective effects of <i>Lactobacillus plantarum</i> 299v supplemented via drinking water against aflatoxin-induced liver damage. <i>Avian Pathology</i> , 2021, 50, 522-530.	0.8	7
39	Early Life Exposure to Aflatoxin B1 in Rats: Alterations in Lipids, Hormones, and DNA Methylation among the Offspring. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 589.	1.2	18
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42	Prevalence of aflatoxin M1 in pasteurized and ultra-high temperature (UHT) milk marketed in Dar es Salaam, Tanzania. <i>African Journal of Microbiology Research</i> , 2021, 15, 461-466.	0.4	0
43	Interaction of water activity and temperature on growth, gene expression, and aflatoxin B1 production in <i>Aspergillus flavus</i> on Indian senna (<i>Cassia angustifolia</i> Vahl.). <i>International Journal of Food Microbiology</i> , 2022, 361, 109457.	2.1	9
44	Childhood dietary exposure of aflatoxins and fumonisins in Tanzania: A review. <i>Cogent Food and Agriculture</i> , 2020, 6, 1859047.	0.6	4
45	Neuroprotective role of gallic acid in aflatoxin B ₁ -induced behavioral abnormalities in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22684.	1.4	23
46	Roles of company directors and the implications for governing for the emerging impacts of climate risks in the fresh food sector: A review. <i>Food Control</i> , 2022, 133, 108600.	2.8	3
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48	Physico-chemical characteristics and aflatoxins production of <i>Atractylodes Rhizoma</i> to different storage temperatures and humidities. <i>AMB Express</i> , 2021, 11, 155.	1.4	4
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53	Status of Techniques Used to Control Moulds in Maize Storage in Africa. <i>Agricultural Sciences</i> , 2022, 13, 49-64.	0.2	0
54	Antifungal and Antiaflatoxinogenic Effects of <i>Cymbopogon citratus</i> , <i>Cymbopogon nardus</i> , and <i>Cymbopogon schoenanthus</i> Essential Oils Alone and in Combination. <i>Journal of Fungi (Basel)</i> <i>Tj ETQq1 1 0.784314 rgBT /Overd</i>	1.0	10
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58	Corepressors SsnF and RcoA Regulate Development and Aflatoxin B1 Biosynthesis in <i>Aspergillus flavus</i> NRRL 3357. <i>Toxins</i> , 2022, 14, 174.	1.5	4
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60	Prevalence of Aflatoxins in Selected Dry Fruits, Impact of Storage Conditions on Contamination Levels and Associated Health Risks on Pakistani Consumers. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3404.	1.2	9
61	Protective Effect of Date Pits on Growth Performance, Carcass Traits, Blood Indices, Intestinal Morphology, Nutrient Digestibility, and Hepatic Aflatoxin Residues of Aflatoxin B1-Exposed Broilers. <i>Agriculture (Switzerland)</i> , 2022, 12, 476.	1.4	5
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64	Association between aflatoxin M1 excretion in milk and indicators of rumen fermentation in bovines. <i>Tropical Animal Health and Production</i> , 2022, 54, 121.	0.5	1
65	The application of novel rotary plasma jets to inhibit the aflatoxin-producing <i>Aspergillus flavus</i> and the spoilage fungus, <i>Aspergillus niger</i> on peanuts. <i>Innovative Food Science and Emerging Technologies</i> , 2022, 78, 102994.	2.7	13
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73	Effects of stem cells and amniotic fluid on uterus and ovaries in a rat model of abdominal adhesions: a controlled study. <i>Journal of the Turkish German Gynecology Association</i> , 2022, 23, 154-166.	0.2	2
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77	Does combining traditional and information and communications technology-based extension methods improve agricultural outcomes? Evidence from field experiments in Mali. Review of Development Economics, 2023, 27, 450-475.	1.0	4
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92	AI-assisted antifungal discovery of <i>Aspergillus parasiticus</i> and <i>Aspergillus flavus</i> : investigating the potential of <i>Asphodelus aestivus</i> , <i>Beta vulgaris</i> , and <i>Morus alba</i> plant leaf extracts. Modeling Earth Systems and Environment, 0, , .	1.9	0

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