

Gordon Seymour Shephard

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72
papers

4,181
citations

34
h-index

64
g-index

75
ext. papers

4,485
ext. citations

5.1
avg. IF

5.39
L-index

#	Paper	IF	Citations
72	Natural occurrence of some Fusarium mycotoxins in corn from low and high esophageal cancer prevalence areas of the Transkei, Southern Africa. <i>Journal of Agricultural and Food Chemistry</i> , 1990 , 38, 1900-1903	5.7	400
71	Worldwide Survey of Fumonisin Contamination of Corn and Corn-Based Products. <i>Journal of AOAC INTERNATIONAL</i> , 1996 , 79, 671-687	1.7	297
70	Aflatoxins and growth impairment: a review. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 740-55	5.7	288
69	Fumonisin contamination of commercial corn-based human foodstuffs. <i>Journal of Agricultural and Food Chemistry</i> , 1991 , 39, 2014-2018	5.7	249
68	The implications of naturally occurring levels of fumonisins in corn for human and animal health. <i>Mycopathologia</i> , 1992 , 117, 3-9	2.9	242
67	Levels of fumonisins B1 and B2 in feeds associated with confirmed cases of equine leukoencephalomalacia. <i>Journal of Agricultural and Food Chemistry</i> , 1991 , 39, 109-111	5.7	135
66	Risk assessment of aflatoxins in food in Africa. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008 , 25, 1246-56	3.2	131
65	Determination of mycotoxins in human foods. <i>Chemical Society Reviews</i> , 2008 , 37, 2468-77	58.5	129
64	Liquid Chromatographic Determination of Fumonisin B1, B2, and B3 in Corn: AOAC/IUPAC Collaborative Study. <i>Journal of AOAC INTERNATIONAL</i> , 1996 , 79, 688-696	1.7	126
63	Liquid Chromatographic Determination of Fumonisin B1, B2, and B3 in Foods and Feeds. <i>Journal of AOAC INTERNATIONAL</i> , 1992 , 75, 313-318	1.7	120
62	Aflatoxin analysis at the beginning of the twenty-first century. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 1215-24	4.4	115
61	Multiple mycotoxin exposure determined by urinary biomarkers in rural subsistence farmers in the former Transkei, South Africa. <i>Food and Chemical Toxicology</i> , 2013 , 62, 217-25	4.7	110
60	Fumonisin concentrations in Brazilian feeds associated with field outbreaks of confirmed and suspected animal mycotoxicoses. <i>Journal of Agricultural and Food Chemistry</i> , 1992 , 40, 994-997	5.7	104
59	Quantitation of ochratoxin A in South African wines. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 1102-6	5.7	103
58	Degradation of microcystin toxins in a falling film photocatalytic reactor with immobilized titanium dioxide catalyst. <i>Water Research</i> , 2002 , 36, 140-6	12.5	102
57	Patulin in South African commercial apple products. <i>Food Control</i> , 2001 , 12, 73-76	6.2	90
56	Natural occurrence of fumonisins in corn from Iran. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 1860-4	5.7	87

55	Fumonisin in Argentinian field-trial corn. <i>Journal of Agricultural and Food Chemistry</i> , 1993 , 41, 891-895	5-7	87
54	Fumonisin B1 as a urinary biomarker of exposure in a maize intervention study among South African subsistence farmers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 483-9	4	69
53	Chromatographic determination of the mycotoxin patulin in fruit and fruit juices. <i>Journal of Chromatography A</i> , 2000 , 882, 17-22	4-5	67
52	Fumonisin contamination and fusarium incidence in corn from Santa Catarina, Brazil. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 5574-8	5-7	60
51	Fate of a single dose of 14C-labelled fumonisin B1 in vervet monkeys. <i>Natural Toxins</i> , 1995 , 3, 145-50		58
50	Fumonisin mycotoxins in traditional Xhosa maize beer in South Africa. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9634-7	5-7	56
49	Production of fumonisin B and C analogues by several fusarium species. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 4861-6	5-7	54
48	Aflatoxin and Food Safety: Recent African Perspectives. <i>Toxin Reviews</i> , 2003 , 22, 267-286		50
47	Production of the mycotoxins fusaproliferin and beauvericin by South African isolates in the Fusarium section Liseola. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 5111-5	5-7	50
46	Do fumonisin mycotoxins occur in wheat?. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9293-6	5-7	49
45	Fumonisin-contaminated maize: physical treatment for the partial decontamination of bulk shipments. <i>Food Additives and Contaminants</i> , 1994 , 11, 25-32		48
44	Current Status of Mycotoxin Analysis: A Critical Review. <i>Journal of AOAC INTERNATIONAL</i> , 2016 , 99, 842-848		47
43	Mycological analysis and multimycotoxins in maize from rural subsistence farmers in the former Transkei, South Africa. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 8232-40	5-7	43
42	Mycotoxin contamination of dietary and medicinal wild plants in the Eastern Cape Province of South Africa. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 5688-93	5-7	37
41	Fumonisin mycotoxins in human hair. <i>Biomarkers</i> , 2003 , 8, 110-8	2.6	37
40	The Mycotox Charter: Increasing Awareness of, and Concerted Action for, Minimizing Mycotoxin Exposure Worldwide. <i>Toxins</i> , 2018 , 10,	4-9	37
39	Preliminary exposure assessment of deoxynivalenol and patulin in South Africa. <i>Mycotoxin Research</i> , 2010 , 26, 181-5	4	35
38	HPLC-DAD method for the determination of patulin in dried apple rings. <i>Food Control</i> , 2008 , 19, 389-392	6.2	34

37	Mycoflora and fumonisin mycotoxins associated with cowpea [<i>Vigna unguiculata</i> (L.) Walp] seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 2188-92	5.7	33
36	Traditionally Processed Beverages in Africa: A Review of the Mycotoxin Occurrence Patterns and Exposure Assessment. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2018 , 17, 334-351	16.4	32
35	Structure and natural occurrence of stereoisomers of the fumonisin B series mycotoxins. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 4388-94	5.7	29
34	Improving extraction of fumonisin mycotoxins from Brazilian corn-based infant foods. <i>Journal of Food Protection</i> , 2003 , 66, 854-9	2.5	27
33	Incidence of <i>Fusarium verticillioides</i> and levels of fumonisins in corn from main production areas in Iran. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 6118-22	5.7	26
32	Fumonisin production by <i>Fusarium</i> species isolated from freshly harvested corn in Iran. <i>Mycopathologia</i> , 2005 , 159, 31-40	2.9	25
31	HPLC determination of fumonisin mycotoxins in maize: a comparative study of naphthalene-2,3-dicarboxaldehyde and o-phthalaldehyde derivatization reagents for fluorescence and diode array detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 2239-43	3.2	23
30	Toxicokinetics of ochratoxin A in vervet monkeys (<i>Cercopithecus aethiops</i>). <i>Archives of Toxicology</i> , 2001 , 75, 262-9	5.8	23
29	The risk management dilemma for fumonisin mycotoxins. <i>Food Control</i> , 2013 , 34, 596-600	6.2	21
28	Determination of Patulin in Apple Juice: Comparative Evaluation of Four Analytical Methods. <i>Journal of AOAC INTERNATIONAL</i> , 2007 , 90, 162-166	1.7	20
27	Plasma vitamin levels in patients on prolonged total parenteral nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 1988 , 12, 205-11	4.2	17
26	The effectiveness of regulatory maximum levels for fumonisin mycotoxins in commercial and subsistence maize crops in South Africa. <i>Food Control</i> , 2019 , 97, 77-80	6.2	14
25	Mycotoxins produced by <i>Fusarium proliferatum</i> and <i>F. pseudonygamai</i> on maize, sorghum and pearl millet grains in vitro. <i>International Journal of Food Microbiology</i> , 2019 , 296, 31-36	5.8	13
24	Relative severity of fumonisin contamination of cereal crops in West Africa. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015 , 32, 1952-8	3.2	13
23	Fumonisin B1 and risk of hepatocellular carcinoma in two Chinese cohorts. <i>Food and Chemical Toxicology</i> , 2012 , 50, 679-83	4.7	13
22	Production of Fumonisin B Analogues and Related Compounds by <i>Fusarium globosum</i> , a Newly Described Species from Corn. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 4004-4010	5.7	13
21	Disruption of sphingolipid biosynthesis in hepatocyte nodules: selective proliferative stimulus induced by fumonisin B1. <i>Toxicology</i> , 2004 , 200, 69-75	4.4	13
20	Fumonsin B1, B2, and B3 content of commercial unprocessed maize imported into South Africa from Argentina and the USA during 1992. <i>Food Additives and Contaminants</i> , 1998 , 15, 676-80		12

19	Determination of Aflatoxin in Processed Dried Cassava Root: Validation of a New Analytical Method for Cassava Flour. <i>Journal of AOAC INTERNATIONAL</i> , 2010 , 93, 1882-1887	1.7	10
18	Infant malnutrition and chronic aflatoxicosis in Southern Africa: is there a link?. <i>International Journal of Food Safety, Nutrition and Public Health</i> , 2008 , 1, 127	0	10
17	Mycotoxigenic Fusarium species associated with grain crops in South Africa [A review]. <i>South African Journal of Science</i> , 2017 , Volume 113,	1.3	9
16	Toxicity of Culture Material of Fusarium verticillioides Strain MRC 826 to Nonhuman Primates. <i>Environmental Health Perspectives</i> , 2001 , 109, 267	8.4	9
15	Development and evaluation of a sensitive mycotoxin risk assessment model (MYCORAM). <i>Toxicological Sciences</i> , 2014 , 141, 387-97	4.4	8
14	Determination of fumonisins in maize by HPLC with ultraviolet detection of o-phthaldialdehyde derivatives. <i>Mycotoxin Research</i> , 2009 , 25, 225-8	4	8
13	Methods Committee on Natural Toxins and Allergens : Mycotoxins. <i>Journal of AOAC INTERNATIONAL</i> , 2009 , 92, 1B-7B	1.7	4
12	Enzymatic detoxification of the fumonisin mycotoxins during dry milling of maize. <i>Food Control</i> , 2021 , 123, 107726	6.2	3
11	Mycotoxins with a Special Focus on Aflatoxins, Ochratoxins and Fumonisins 2009 ,		2
10	Effect of Processing on the Mycotoxin Content in Fruit Juice 2008 , 335-349		1
9	Methods Committee Reports. <i>Journal of AOAC INTERNATIONAL</i> , 2000 , 83, 518-519	1.7	1
8	Committee on Natural Toxins and Food Allergens. <i>Journal of AOAC INTERNATIONAL</i> , 2002 , 85, 281-284	1.7	0
7	Committee on Natural Toxins and Food Allergens. <i>Journal of AOAC INTERNATIONAL</i> , 2003 , 86, 168-170	1.7	
6	Natural occurrence of fumonisin B1 in maize and its risk in Iran. <i>Mycotoxins</i> , 2003 , 2003, 159-165	0.2	
5	Committee on Natural Toxins and Food Allergens. <i>Journal of AOAC INTERNATIONAL</i> , 2004 , 87, 310-312	1.7	
4	Committee on Natural Toxins and Food Allergens. <i>Journal of AOAC INTERNATIONAL</i> , 2005 , 88, 367-370	1.7	
3	Committee on Natural Toxins and Food Allergens. <i>Journal of AOAC INTERNATIONAL</i> , 2001 , 84, 269-272	1.7	
2	Committee on Natural Toxins. <i>Journal of AOAC INTERNATIONAL</i> , 1999 , 82, 524-525	1.7	

- 1 Professor Wentzel C.A. Gelderblom (1951-2021). *World Mycotoxin Journal*, **2021**, 14, 237-237 2.5