

Gordon Seymour Shephard

List of Publications by Year in descending order

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72
papers

4,935
citations

101384

36
h-index

110170

64
g-index

75
all docs

75
docs citations

75
times ranked

2999
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.4	455
2	Aflatoxins and growth impairment: A review. <i>Critical Reviews in Toxicology</i> , 2011, 41, 740-755.	1.9	367
3	Worldwide Survey of Fumonisin Contamination of Corn and Corn-Based Products. <i>Journal of AOAC INTERNATIONAL</i> , 1996, 79, 671-687.	0.7	341
4	Fumonisin contamination of commercial corn-based human foodstuffs. <i>Journal of Agricultural and Food Chemistry</i> , 1991, 39, 2014-2018.	2.4	285
5	The implications of naturally occurring levels of fumonisins in corn for human and animal health. <i>Mycopathologia</i> , 1992, 117, 3-9.	1.3	280
6	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, 1246-1256.	1.1	166
7	Determination of mycotoxins in human foods. <i>Chemical Society Reviews</i> , 2008, 37, 2468.	18.7	161
8	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.	2.4	154
9	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.	0.7	146
10	Aflatoxin analysis at the beginning of the twenty-first century. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1215-1224.	1.9	132
11	Liquid Chromatographic Determination of Fumonisin B1, B2, and B3 in Foods and Feeds. <i>Journal of AOAC INTERNATIONAL</i> , 1992, 75, 313-318.	0.7	129
12	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, 217-225.	1.8	123
13	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.	2.4	120
14	Degradation of microcystin toxins in a falling film photocatalytic reactor with immobilized titanium dioxide catalyst. <i>Water Research</i> , 2002, 36, 140-146.	5.3	120
15	Quantitation of Ochratoxin A in South African Wines. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 1102-1106.	2.4	109
16	Patulin in South African commercial apple products. <i>Food Control</i> , 2001, 12, 73-76.	2.8	101
17	Natural Occurrence of Fumonisin in Corn from Iran. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 1860-1864.	2.4	94
18	Fumonisin in Argentinian field-trial corn. <i>Journal of Agricultural and Food Chemistry</i> , 1993, 41, 891-895.	2.4	92

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19	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, 483-489.	1.1	83
20	Aflatoxin and Food Safety: Recent African Perspectives. <i>Toxin Reviews</i> , 2003, 22, 267-286.	1.5	81
21	Chromatographic determination of the mycotoxin patulin in fruit and fruit juices. <i>Journal of Chromatography A</i> , 2000, 882, 17-22.	1.8	78
22	Fumonisin Contamination and <i>Fusarium</i> Incidence in Corn from Santa Catarina, Brazil. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 5574-5578.	2.4	74
23	Production of Fumonisin B and C Analogues by Several <i>Fusarium</i> Species. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 4861-4866.	2.4	61
24	Fumonisin-contaminated maize: Physical treatment for the partial decontamination of bulk shipments. <i>Food Additives and Contaminants</i> , 1994, 11, 25-32.	2.0	60
25	Fate of a single dose of ¹⁴ C-labelled fumonisin B1 in vervet monkeys. <i>Natural Toxins</i> , 1995, 3, 145-150.	1.0	60
26	Fumonisin Mycotoxins in Traditional Xhosa Maize Beer in South Africa. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9634-9637.	2.4	60
27	Current Status of Mycotoxin Analysis: A Critical Review. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 842-848.	0.7	59
28	The Mycotox Charter: Increasing Awareness of, and Concerted Action for, Minimizing Mycotoxin Exposure Worldwide. <i>Toxins</i> , 2018, 10, 149.	1.5	57
29	Production of the Mycotoxins Fusaproliferin and Beauvericin by South African Isolates in the <i>Fusarium</i> Section <i>Liseola</i> . <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 5111-5115.	2.4	55
30	Do Fumonisin Mycotoxins Occur in Wheat?. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9293-9296.	2.4	53
31	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, 5688-5693.	2.4	49
32	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, 8232-8240.	2.4	47
33	Fumonisin mycotoxins in human hair. <i>Biomarkers</i> , 2003, 8, 110-118.	0.9	43
34	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.	5.9	43
35	Mycoflora and Fumonisin Mycotoxins Associated with Cowpea [<i>Vigna unguiculata</i> (L.) Walp] Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 2188-2192.	2.4	42
36	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, 1952-1958.	1.1	40

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37	HPLC-DAD method for the determination of patulin in dried apple rings. <i>Food Control</i> , 2008, 19, 389-392.	2.8	37
38	Preliminary exposure assessment of deoxynivalenol and patulin in South Africa. <i>Mycotoxin Research</i> , 2010, 26, 181-185.	1.3	37
39	Toxicokinetics of ochratoxin A in vervet monkeys (<i>Cercopithecus aethiops</i>). <i>Archives of Toxicology</i> , 2001, 75, 262-269.	1.9	30
40	Fumonisin production by <i>Fusarium</i> species isolated from freshly harvested corn in Iran. <i>Mycopathologia</i> , 2005, 159, 31-40.	1.3	30
41	Structure and Natural Occurrence of Stereoisomers of the Fumonisin B Series Mycotoxins. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 4388-4394.	2.4	30
42	Incidence of <i>Fusarium verticillioides</i> and Levels of Fumonisin in Corn from Main Production Areas in Iran. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 6118-6122.	2.4	28
43	Plasma Vitamin Levels in Patients on Prolonged Total Parenteral Nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 1988, 12, 205-211.	1.3	27
44	Improving Extraction of Fumonisin Mycotoxins from Brazilian Corn-Based Infant Foods. <i>Journal of Food Protection</i> , 2003, 66, 854-859.	0.8	27
45	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, 2239-2243.	1.2	27
46	Determination of Patulin in Apple Juice: Comparative Evaluation of Four Analytical Methods. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 162-166.	0.7	22
47	The risk management dilemma for fumonisin mycotoxins. <i>Food Control</i> , 2013, 34, 596-600.	2.8	22
48	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.	2.8	22
49	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.	2.1	21
50	Fumonisin B1 and risk of hepatocellular carcinoma in two Chinese cohorts. <i>Food and Chemical Toxicology</i> , 2012, 50, 679-683.	1.8	18
51	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.	2.4	16
52	Disruption of sphingolipid biosynthesis in hepatocyte nodules: selective proliferative stimulus induced by fumonisin B1. <i>Toxicology</i> , 2004, 200, 69-75.	2.0	15
53	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.	0.1	15
54	Mycotoxigenic <i>Fusarium</i> species associated with grain crops in South Africa – A review. <i>South African Journal of Science</i> , 2017, 113, .	0.3	13

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55	Fumonsin B ₁ , B ₂ , and B ₃ content of commercial unprocessed maize imported into South Africa from Argentina and the USA during 1992. Food Additives and Contaminants, 1998, 15, 676-680.	2.0	12
56	Enzymatic detoxification of the fumonisin mycotoxins during dry milling of maize. Food Control, 2021, 123, 107726.	2.8	11
57	Toxicity of Culture Material of Fusarium verticillioides Strain MRC 826 to Nonhuman Primates. Environmental Health Perspectives, 2001, 109, 267.	2.8	10
58	Determination of fumonisins in maize by HPLC with ultraviolet detection of o-phthaldialdehyde derivatives. Mycotoxin Research, 2009, 25, 225-228.	1.3	10
59	Determination of Aflatoxin in Processed Dried Cassava Root: Validation of a New Analytical Method for Cassava Flour. Journal of AOAC INTERNATIONAL, 2010, 93, 1882-1887.	0.7	10
60	Development and Evaluation of a Sensitive Mycotoxin Risk Assessment Model (MYCORAM). Toxicological Sciences, 2014, 141, 387-397.	1.4	9
61	Methods Committee on Natural Toxins and Allergens : Mycotoxins. Journal of AOAC INTERNATIONAL, 2009, 92, 1B-7B.	0.7	4
62	Mycotoxin Crises: Fit-for-Purpose Analytical Responses in the Developing World. Journal of AOAC INTERNATIONAL, 2018, 101, 609-612.	0.7	4
63	Methods Committee Reports. Journal of AOAC INTERNATIONAL, 2000, 83, 518-519.	0.7	2
64	Committee on Natural Toxins and Food Allergens. Journal of AOAC INTERNATIONAL, 2002, 85, 281-284.	0.7	1
65	Effect of Processing on the Mycotoxin Content in Fruit Juice. , 2008, , 335-349.		1
66	Committee on Natural Toxins. Journal of AOAC INTERNATIONAL, 1999, 82, 524-525.	0.7	0
67	Committee on Natural Toxins and Food Allergens. Journal of AOAC INTERNATIONAL, 2001, 84, 269-272.	0.7	0
68	Committee on Natural Toxins and Food Allergens. Journal of AOAC INTERNATIONAL, 2003, 86, 168-170.	0.7	0
69	Natural occurrence of fumonisin B1 in maize and its risk in Iran. Mycotoxins, 2003, 2003, 159-165.	0.2	0
70	Committee on Natural Toxins and Food Allergens. Journal of AOAC INTERNATIONAL, 2004, 87, 310-312.	0.7	0
71	Committee on Natural Toxins and Food Allergens. Journal of AOAC INTERNATIONAL, 2005, 88, 367-370.	0.7	0
72	Professor Wentzel C.A. Gelderblom (1951-2021). World Mycotoxin Journal, 2021, 14, 237.	0.8	0