Yun Yun Gong

List of Publications by Year
in descending order

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127 papers	7,746 citations	57758 44 h-index	54911 84 g-index
128 all docs	128 docs citations	128 times ranked	6700 citing authors

#	Article	IF	Citations
1	Mycotoxins and human disease: a largely ignored global health issue. Carcinogenesis, 2010, 31, 71-82.	2.8	741
2	Postweaning Exposure to Aflatoxin Results in Impaired Child Growth: A Longitudinal Study in Benin, West Africa. Environmental Health Perspectives, 2004, 112, 1334-1338.	6.0	447
3	Dietary aflatoxin exposure and impaired growth in young children from Benin and Togo: cross sectional study. BMJ: British Medical Journal, 2002, 325, 20-21.	2.3	399
4	Aflatoxin exposure in utero causes growth faltering in Gambian infants. International Journal of Epidemiology, 2007, 36, 1119-1125.	1.9	267
5	Reduction in exposure to carcinogenic aflatoxins by postharvest intervention measures in west Africa: a community-based intervention study. Lancet, The, 2005, 365, 1950-1956.	13.7	263
6	Determinants of aflatoxin exposure in young children from Benin and Togo, West Africa: the critical role of weaning. International Journal of Epidemiology, 2003, 32, 556-562.	1.9	234
7	Risks to human and animal health related to the presence of deoxynivalenol and its acetylated and modified forms in food and feed. EFSA Journal, 2017, 15, e04718.	1.8	218
8	Immunotoxicity of aflatoxin B1: Impairment of the cell-mediated response to vaccine antigen and modulation of cytokine expression. Toxicology and Applied Pharmacology, 2008, 231, 142-149.	2.8	216
9	Dietary cadmium exposure assessment among the Chinese population. PLoS ONE, 2017, 12, e0177978.	2.5	182
10	A colorimetric hydrogen sulfide sensor based on gellan gum-silver nanoparticles bionanocomposite for monitoring of meat spoilage in intelligent packaging. Food Chemistry, 2019, 290, 135-143.	8.2	153
11	Dietary exposure to aflatoxin from maize and groundnut in young children from Benin and Togo, West Africa. International Journal of Food Microbiology, 2005, 104, 215-224.	4.7	149
12	Independent genomewide screens identify the tumor suppressor VTRNA2-1 as a human epiallele responsive to periconceptional environment. Genome Biology, 2015, 16, 118.	9.6	149
13	A Prospective Study of Growth and Biomarkers of Exposure to Aflatoxin and Fumonisin during Early Childhood in Tanzania. Environmental Health Perspectives, 2015, 123, 173-178.	6.0	147
14	Urinary Deoxynivalenol Is Correlated with Cereal Intake in Individuals from the United Kingdom. Environmental Health Perspectives, 2008, 116, 21-25.	6.0	143
15	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. Nature Communications, 2019, 10, 1893.	12.8	140
16	Aflatoxin Exposure and Associated Human Health Effects, a Review of Epidemiological Studies. Food Safety (Tokyo, Japan), 2016, 4, 14-27.	1.8	131
17	Multiple mycotoxin exposure determined by urinary biomarkers in rural subsistence farmers in the former Transkei, South Africa. Food and Chemical Toxicology, 2013, 62, 217-225.	3.6	123
18	Natural Biomaterial-Based Edible and pH-Sensitive Films Combined with Electrochemical Writing for Intelligent Food Packaging. Journal of Agricultural and Food Chemistry, 2018, 66, 12836-12846.	5.2	123

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19	Outbreak of an acute aflatoxicosis in Tanzania during 2016. World Mycotoxin Journal, 2018, 11, 311-320.	1.4	112
20	Exposure to aflatoxin and fumonisin in children at risk for growth impairment in rural Tanzania. Environment International, 2018, 115, 29-37.	10.0	111
21	Hepatocellular Carcinoma and Polymorphisms in Carcinogen-Metabolizing and DNA Repair Enzymes in a Population with Aflatoxin Exposure and Hepatitis B Virus Endemicity. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 373-379.	2.5	94
22	Dietary exposure to aflatoxin and fumonisin among <scp>T</scp>anzanian children as determined using biomarkers of exposure. Molecular Nutrition and Food Research, 2013, 57, 1874-1881.	3.3	94
23	Association between Tortilla Consumption and Human Urinary Fumonisin B1 Levels in a Mexican Population. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 688-694.	2.5	90
24	A review of postharvest approaches to reduce fungal and mycotoxin contamination of foods. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 1521-1560.	11.7	90
25	Epigenetic supersimilarity of monozygotic twin pairs. Genome Biology, 2018, 19, 2.	8.8	89
26	Exposure to aflatoxin B₁in uterois associated with DNA methylation in white blood cells of infants in The Gambia. International Journal of Epidemiology, 2015, 44, 1238-1248.	1.9	88
27	Fumonisin B1 as a Urinary Biomarker of Exposure in a Maize Intervention Study Among South African Subsistence Farmers. Cancer Epidemiology Biomarkers and Prevention, 2011, 20, 483-489.	2.5	83
28	Aflatoxin Exposure May Contribute to Chronic Hepatomegaly in Kenyan School Children. Environmental Health Perspectives, 2012, 120, 893-896.	6.0	81
29	Co-exposures of aflatoxins with deoxynivalenol and fumonisins from maize based complementary foods in Rombo, Northern Tanzania. Food Control, 2014, 41, 76-81.	5.5	81
30	Determinants of aflatoxin M1in breast milk in a selected group of Egyptian mothers. Food Additives and Contaminants, 2006, 23, 700-708.	2.0	71
31	Human Aflatoxin Albumin Adducts Quantitatively Compared by ELISA, HPLC with Fluorescence Detection, and HPLC with Isotope Dilution Mass Spectrometry. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 1653-1657.	2.5	71
32	Risk Factors, DNA Damage, and Disease Progression in Barrett's Esophagus. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 620-625.	2.5	68
33	Amine-responsive bilayer films with improved illumination stability and electrochemical writing property for visual monitoring of meat spoilage. Sensors and Actuators B: Chemical, 2020, 302, 127130.	7.8	68
34	Extruded low density polyethylene-curcumin film: A hydrophobic ammonia sensor for intelligent food packaging. Food Packaging and Shelf Life, 2020, 26, 100595.	7.5	64
35	Fast and sensitive aflatoxin B1 and total aflatoxins ELISAs for analysis of peanuts, maize and feed ingredients. Food Control, 2016, 63, 239-245.	5.5	63
36	Arsenic species in wheat, raw and cooked rice: Exposure and associated health implications. Science of the Total Environment, 2018, 634, 366-373.	8.0	61

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37	Effect of different microbial concentrations on binding of aflatoxin M 1 and stability testing. Food Control, 2017, 73, 492-496.	5.5	58
38	Bilayer pH-sensitive colorimetric films with light-blocking ability and electrochemical writing property: Application in monitoring crucian spoilage in smart packaging. Food Chemistry, 2021, 336, 127634.	8.2	58
39	Human exposure assessment of different arsenic species in household water sources in a high risk arsenic area. Science of the Total Environment, 2017, 584-585, 631-641.	8.0	53
40	KIF2A silencing inhibits the proliferation and migration of breast cancer cells and correlates with unfavorable prognosis in breast cancer. BMC Cancer, 2014, 14, 461.	2.6	52
41	Impaired growth in rural Gambian infants exposed to aflatoxin: a prospective cohort study. BMC Public Health, 2018, 18, 1247.	2.9	51
42	Aflatoxin exposure during the first 36 months of life was not associated with impaired growth in Nepalese children: An extension of the MAL-ED study. PLoS ONE, 2017, 12, e0172124.	2.5	48
43	TP53 R249S Mutations, Exposure to Aflatoxin, and Occurrence of Hepatocellular Carcinoma in a Cohort of Chronic Hepatitis B Virus Carriers from Qidong, China. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 1638-1643.	2.5	47
44	A visual indicator based on curcumin with high stability for monitoring the freshness of freshwater shrimp, Macrobrachium rosenbergii. Journal of Food Engineering, 2021, 292, 110290.	5.2	47
45	Glutathione peroxidase 1 genotype is associated with an increased risk of coronary artery disease. Coronary Artery Disease, 2003, 14, 149-153.	0.7	46
46	Aflatoxin exposure is inversely associated with IGF1 and IGFBP3 levels in vitro and in Kenyan schoolchildren. Molecular Nutrition and Food Research, 2015, 59, 574-581.	3.3	46
47	Optimising sorting and washing of home-grown maize to reduce fumonisin contamination under laboratory-controlled conditions. Food Control, 2011, 22, 396-400.	5.5	43
48	Monitoring and dietary risk assessment of 81 pesticide residues in 11 local agricultural products from the 3 largest cities of Cameroon. Food Control, 2020, 118, 107416.	5.5	43
49	Deoxynivalenol exposure assessment in young children in Tanzania. Molecular Nutrition and Food Research, 2014, 58, 1574-1580.	3.3	42
50	Determination of multi-mycotoxin occurrence in maize based porridges from selected regions of Tanzania by liquid chromatography tandem mass spectrometry (LC-MS/MS), a longitudinal study. Food Control, 2016, 68, 337-343.	5.5	42
51	A pilot study to evaluate aflatoxin exposure in a rural Ugandan population. Tropical Medicine and International Health, 2014, 19, 592-599.	2.3	41
52	The NAD(P)H:quinone oxidoreductase I C609T polymorphism modifies the risk of Barrett esophagus and esophageal adenocarcinoma. Genetics in Medicine, 2007, 9, 341-347.	2.4	40
53	Seasonal prevalence level of aflatoxin M 1 and its estimated daily intake in Pakistan. Food Control, 2016, 60, 461-465.	5.5	39
54	Visual detection of nitrite in sausage based on a ratiometric fluorescent system. Food Control, 2019, 106, 106704.	5.5	39

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55	Steatosis and fibrosis in patients with chronic hepatitis C. Journal of Clinical Pathology, 2004, 57, 402-406.	2.0	38
56	Risk assessment of deoxynivalenol in high-risk area of China by human biomonitoring using an improved high throughput UPLC-MS/MS method. Scientific Reports, 2018, 8, 3901.	3.3	38
57	Simple intervention method to reduce fumonisin exposure in a subsistence maize-farming community in South Africa. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 1582-1588.	2.3	36
58	Comparison of urinary aflatoxin M1 and aflatoxin albumin adducts as biomarkers for assessing aflatoxin exposure in Tanzanian children. Biomarkers, 2018, 23, 131-136.	1.9	36
59	A review of micronutrient deficiencies and analysis of maize contribution to nutrient requirements of women and children in Eastern and Southern Africa. Critical Reviews in Food Science and Nutrition, 2022, 62, 1568-1591.	10.3	36
60	Efficacy of epsilon-poly-L-lysine inhibition of postharvest blue mold in apples and potential mechanisms. Postharvest Biology and Technology, 2021, 171, 111346.	6.0	36
61	Seasonal and gestation stage associated differences in aflatoxin exposure in pregnant Gambian women. Tropical Medicine and International Health, 2014, 19, 348-354.	2.3	35
62	Early life exposure to dietary aflatoxins, health impact and control perspectives: A review. Trends in Food Science and Technology, 2021, 112, 212-224.	15.1	34
63	Risk assessment of aflatoxins and selected heavy metals through intake of branded and non-branded spices collected from the markets of Multan city of Pakistan. Food Control, 2020, 112, 107132.	5.5	32
64	Inorganic arsenic contamination of rice from Chinese major rice-producing areas and exposure assessment in Chinese population. Science China Chemistry, 2015, 58, 1898-1905.	8.2	30
65	Identification of rhein as the metabolite responsible for toxicity of rhubarb anthraquinones. Food Chemistry, 2020, 331, 127363.	8.2	29
66	Green extraction of polyphenols from citrus peel by-products and their antifungal activity against Aspergillus flavus. Food Chemistry: X, 2021, 12, 100144.	4.3	29
67	High-throughput and sensitive determination of urinary zearalenone and metabolites by UPLC-MS/MS and its application to a human exposure study. Analytical and Bioanalytical Chemistry, 2018, 410, 5301-5312.	3.7	28
68	Toxicological effects of regulated mycotoxins and persistent organochloride pesticides: In vitro cytotoxic assessment of single and defined mixtures on MA-10 murine Leydig cell line. Toxicology in Vitro, 2018, 48, 93-103.	2.4	27
69	Quantitative correlation of aflatoxin biomarker with dietary intake of aflatoxin in Tanzanian children. Biomarkers, 2014, 19, 430-435.	1.9	26
70	Refinement of arsenic attributable health risks in rural Pakistan using population specific dietary intake values. Environment International, 2017, 99, 331-342.	10.0	25
71	Estimating the healthÂburden of aflatoxin attributable stunting among children in low incomeÂcountriesÂof Africa. Scientific Reports, 2021, 11, 1619.	3.3	25
72	Concentration of Aflatoxin M 1 and selected heavy metals in mother milk samples from Pakistan. Food Control, 2018, 91, 344-348.	5.5	24

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73	Mycotoxin exposure and adverse reproductive health outcomes in Africa: a review. World Mycotoxin Journal, 2018, 11, 321-339.	1.4	24
74	Prevalence and Exposure Assessment of Aflatoxins Through Black Tea Consumption in the Multan City of Pakistan and the Impact of Tea Making Process on Aflatoxins. Frontiers in Microbiology, 2020, 11, 446.	3.5	24
75	Estimating the risk of aflatoxin-induced liver cancer in Tanzania based on biomarker data. PLoS ONE, 2021, 16, e0247281.	2.5	24
76	Study of an Educational Hand Sorting Intervention for Reducing Aflatoxin B1 in Groundnuts in Rural Gambia. Journal of Food Protection, 2017, 80, 44-49.	1.7	23
77	Risks to human and animal health related to the presence of moniliformin in food and feed. EFSA Journal, 2018, 16, e05082.	1.8	22
78	A pilot survey for Fusarium mycotoxin biomarkers in women from Golestan, northern Iran. World Mycotoxin Journal, 2012, 5, 195-199.	1.4	22
79	Effect of Tea Polyphenols and Tea Pigments on the Inhibition of Precancerous Liver Lesions in Rats. Nutrition and Cancer, 2000, 38, 81-86.	2.0	21
80	Comparison of single and multi-analyte methods based on LC-MS/MS for mycotoxin biomarker determination in human urine. World Mycotoxin Journal, 2013, 6, 355-366.	1.4	21
81	Dietary exposure to aflatoxin and micronutrient status among young children from Guinea. Molecular Nutrition and Food Research, 2016, 60, 511-518.	3.3	20
82	Aflatoxin exposure assessed by aflatoxin albumin adduct biomarker in populations from six African countries. World Mycotoxin Journal, 2018, 11, 411-419.	1.4	20
83	Harmful algal bloom and associated health risks among users of Lake Victoria freshwater: Ukerewe Island, Tanzania. Journal of Water and Health, 2019, 17, 826-836.	2.6	20
84	Human dietary and internal exposure to zearalenone based on a 24-hour duplicate diet and following morning urine study. Environment International, 2020, 142, 105852.	10.0	19
85	Deoxynivalenol and fumonisin exposure in children and adults in a family study in rural Tanzania. World Mycotoxin Journal, 2015, 8, 553-560.	1.4	18
86	Interventions Targeting Child Undernutrition in Developing Countries May Be Undermined by Dietary Exposure to Aflatoxin. Critical Reviews in Food Science and Nutrition, 2017, 57, 00-00.	10.3	18
87	Fibrin clot structure is affected by levels of particulate air pollution exposure in patients with venous thrombosis. Environment International, 2016, 92-93, 70-76.	10.0	17
88	Assessment of arsenic species in human hair, toenail and urine and their association with water and staple food. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 624-632.	3.9	17
89	Aflatoxins as a risk factor for liver cirrhosis: a systematic review and meta-analysis. BMC Pharmacology & Toxicology, 2020, 21, 39.	2.4	17
90	Evaluation of the impact of activated carbon-based filtration system on the concentration of aflatoxins and selected heavy metals in roasted coffee. Food Control, 2021, 121, 107583.	5.5	17

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91	Risk to human and animal health related to the presence of 4,15â€diacetoxyscirpenol in food and feed. EFSA Journal, 2018, 16, e05367.	1.8	16
92	The effect of individual and mixtures of mycotoxins and persistent organochloride pesticides on oestrogen receptor transcriptional activation using in vitro reporter gene assays. Food and Chemical Toxicology, 2019, 130, 68-78.	3.6	16
93	Aptamerâ€"Targetâ€"Gold Nanoparticle Conjugates for the Quantification of Fumonisin B1. Biosensors, 2021, 11, 18.	4.7	16
94	Developing biomarkers of human exposure to mycotoxins. , 2011, , 225-244.		14
95	Transcription Factor FOXO3a Is a Negative Regulator of Cytotoxicity of Fusarium mycotoxin in GES-1 Cells. Toxicological Sciences, 2018, 166, 370-381.	3.1	14
96	First Report of the Co-occurrence of Cylindrospermopsin, Nodularin and Microcystins in the Freshwaters of Lake Victoria, Tanzania. Exposure and Health, 2021, 13, 185-194.	4.9	14
97	The effect of association between inefficient arsenic methylation capacity and demographic characteristics on the risk of skin lesions. Toxicology and Applied Pharmacology, 2018, 339, 42-51.	2.8	13
98	Aptamer-based detection of fumonisin B1: A critical review. Analytica Chimica Acta, 2021, 1160, 338395.	5.4	13
99	Contamination of Foods from Cameroon with Residues of 20 Halogenated Pesticides, and Health Risk of Adult Human Dietary Exposure. International Journal of Environmental Research and Public Health, 2021, 18, 5043.	2.6	12
100	Seasonal and geographical differences in aflatoxin exposures in Senegal. World Mycotoxin Journal, 2015, 8, 525-531.	1.4	11
101	Phycocyanin as a proxy for algal blooms in surface waters: case study of Ukerewe Island, Tanzania. Water Practice and Technology, 2019, 14, 229-239.	2.0	10
102	Biomonitoring Study of Deoxynivalenol Exposure in Chinese Inhabitants. International Journal of Environmental Research and Public Health, 2019, 16, 2169.	2.6	9
103	In vitro effects of single and binary mixtures of regulated mycotoxins and persistent organochloride pesticides on steroid hormone production in MA-10 Leydig cell line. Toxicology in Vitro, 2019, 60, 272-280.	2.4	9
104	Geospatial visualisation of food contaminant distributions: Polychlorinated naphthalenes (PCNs), potentially toxic elements (PTEs) and aflatoxins. Chemosphere, 2019, 230, 559-566.	8.2	9
105	Systematic review of the role of social inclusion within sustainable urban developments. International Journal of Sustainable Development and World Ecology, 2022, 29, 3-17.	5.9	9
106	Assessment of aflatoxins exposure through urinary biomarker approach and the evaluation of the impacts of aflatoxins exposure on the selected health parameters of the children of Multan city of Pakistan. Food Control, 2021, 123, 107863.	5.5	9
107	Preliminary study on the relationship between aflatoxin-bovine serum albumin adducts in blood and aflatoxin M1 levels in milk of dairy cows. Mycotoxin Research, 2020, 36, 207-211.	2.3	8
108	Biomonitoring of Aflatoxin B1 and Deoxynivalenol in a Rural Pakistan Population Using Ultra-Sensitive LC-MS/MS Method. Toxins, 2020, 12, 591.	3.4	8

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109	Super-Sensitive LC-MS Analyses of Exposure Biomarkers for Multiple Mycotoxins in a Rural Pakistan Population. Toxins, 2022, 14, 193.	3.4	8
110	Egg Yolk Immunoglobulin Supplementation Prevents Rat Liver from Aflatoxin B₁-Induced Oxidative Damage and Genotoxicity. Journal of Agricultural and Food Chemistry, 2018, 66, 13260-13267.	5.2	7
111	Determination of Trace Zearalenone and Its Metabolites in Human Serum by a High-Throughput UPLC-MS/MS Analysis. Applied Sciences (Switzerland), 2019, 9, 741.	2.5	7
112	Urban Particulate Matter Induces Changes in Gene Expression in Vascular Endothelial Cells that Are Associated with Altered Clot Structure In Vitro. Thrombosis and Haemostasis, 2018, 118, 266-278.	3.4	6
113	An updated weight of evidence approach for deriving a healthâ€based guidance value for 4â€nonylphenol. Journal of Applied Toxicology, 2019, 39, 87-100.	2.8	6
114	Aflatoxins in Plant-Based Foods. , 2019, , 313-325.		5
115	Comprehensive dietary and internal exposure assessment of deoxynivalenol contamination in a high-risk area in China using duplicate diet studies and urinary biomarkers. Food Control, 2021, 124, 107830.	5.5	5
116	Aflatoxin Exposure during Early Life Is Associated with Differential DNA Methylation in Two-Year-Old Gambian Children. International Journal of Molecular Sciences, 2021, 22, 8967.	4.1	5
117	Human Papilloma Viruses (HPVs) no Co-Existence in Breast Cancer and Cervical Cells in the Same Patient. Chinese Journal of Physiology, 2014, 57, 105-106.	1.0	4
118	Conservation Agriculture Affects Grain and Nutrient Yields of Maize (Zea Mays L.) and Can Impact Food and Nutrition Security in Sub-Saharan Africa. Frontiers in Nutrition, 2021, 8, 804663.	3.7	4
119	Risk behaviours and practices of food handlers in norovirus transmission. British Food Journal, 2018, 120, 2510-2523.	2.9	3
120	Impact of dietary aflatoxin on immune development in Gambian infants: a cohort study. BMJ Open, 2021, 11, e048688.	1.9	3
121	Foreword WMJ special issue â€˜Mycotoxins in Africaâ€™. World Mycotoxin Journal, 2018, 11, 305-309.	1.4	2
122	Experimental Studies on Cancer Chemoprevention by Tea Pigments. , 2000, , 203-212.		1
123	Exposure to aflatoxin from groundnut among Senegalese adults. Proceedings of the Nutrition Society, 2014, 73, .	1.0	1
124	The Childhood Acute Illness and Nutrition (CHAIN) network nested case-cohort study protocol: a multi-omics approach to understanding mortality among children in sub-Saharan Africa and South Asia. Gates Open Research, 0, 6, 77.	1.1	1
125	Aflatoxin exposure and micronutrient deficiency among young children from Guinea. Proceedings of the Nutrition Society, 2015, 74, .	1.0	0
126	Meat consumption trends and relationship with body composition measurements in adolescents and young adults: the Northern Ireland Young Hearts Project. Proceedings of the Nutrition Society, 2015, 74, .	1.0	0

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127	Preliminary findings on the association between micronutrient deficiencies and under- or overnutrition: a systematic review. Proceedings of the Nutrition Society, 2021, 80, .	1.0	0