

Arnau Vidal

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

976
citations

567281

15
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Mycotoxin Biomarkers of Exposure: A Comprehensive Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2018, 17, 1127-1155.	11.7	134
2	The mycotoxin patulin: An updated short review on occurrence, toxicity and analytical challenges. <i>Food and Chemical Toxicology</i> , 2019, 129, 249-256.	3.6	106
3	Determination of aflatoxins, deoxynivalenol, ochratoxin A and zearalenone in wheat and oat based bran supplements sold in the Spanish market. <i>Food and Chemical Toxicology</i> , 2013, 53, 133-138.	3.6	96
4	Humans significantly metabolize and excrete the mycotoxin deoxynivalenol and its modified form deoxynivalenol-3-glucoside within 24 hours. <i>Scientific Reports</i> , 2018, 8, 5255.	3.3	85
5	Thermal stability and kinetics of degradation of deoxynivalenol, deoxynivalenol conjugates and ochratoxin A during baking of wheat bakery products. <i>Food Chemistry</i> , 2015, 178, 276-286.	8.2	66
6	Genetic and Toxigenic Variability within <i>Aspergillus flavus</i> Population Isolated from Maize in Two Diverse Environments in Kenya. <i>Frontiers in Microbiology</i> , 2018, 9, 57.	3.5	66
7	Stability of DON and OTA during the breadmaking process and determination of process and performance criteria. <i>Food Control</i> , 2014, 40, 234-242.	5.5	65
8	Development and validation of an LC-MS/MS method for the simultaneous determination of citrinin and ochratoxin a in a variety of feed and foodstuffs. <i>Journal of Chromatography A</i> , 2018, 1580, 100-109.	3.7	47
9	Dietary exposure assessment and risk characterization of citrinin and ochratoxin A in Belgium. <i>Food and Chemical Toxicology</i> , 2021, 147, 111914.	3.6	33
10	Hydrolisers of modified mycotoxins in maize: α -Amylase and cellulase induce an underestimation of the total aflatoxin content. <i>Food Chemistry</i> , 2018, 248, 86-92.	8.2	32
11	Biomonitoring of Deoxynivalenol and Deoxynivalenol-3-glucoside in Human Volunteers: Renal Excretion Profiles. <i>Toxins</i> , 2019, 11, 466.	3.4	32
12	The fate of deoxynivalenol through wheat processing to food products. <i>Current Opinion in Food Science</i> , 2016, 11, 34-39.	8.0	28
13	Enzyme bread improvers affect the stability of deoxynivalenol and deoxynivalenol-3-glucoside during breadmaking. <i>Food Chemistry</i> , 2016, 208, 288-296.	8.2	27
14	Stability and kinetics of leaching of deoxynivalenol, deoxynivalenol-3-glucoside and ochratoxin A during boiling of wheat spaghettis. <i>Food Research International</i> , 2016, 85, 182-190.	6.2	23
15	LC-MS/MS methodology for simultaneous determination of patulin and citrinin in urine and plasma applied to a pilot study in colorectal cancer patients. <i>Food and Chemical Toxicology</i> , 2020, 136, 110994.	3.6	19
16	Effect of xylanase and α -amylase on DON and its conjugates during the breadmaking process. <i>Food Research International</i> , 2017, 101, 139-147.	6.2	16
17	The role of roughage provision on the absorption and disposition of the mycotoxin deoxynivalenol and its acetylated derivatives in calves: from field observations to toxicokinetics. <i>Archives of Toxicology</i> , 2019, 93, 293-310.	4.2	16
18	A Study of Carry-Over and Histopathological Effects after Chronic Dietary Intake of Citrinin in Pigs, Broiler Chickens and Laying Hens. <i>Toxins</i> , 2020, 12, 719.	3.4	15

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19	Human Mycotoxin Biomonitoring: Conclusive Remarks on Direct or Indirect Assessment of Urinary Deoxynivalenol. <i>Toxins</i> , 2020, 12, 139.	3.4	12
20	Deoxynivalenol exposure assessment through a modelling approach of food intake and biomonitoring data – A contribution to the risk assessment of an enteropathogenic mycotoxin. <i>Food Research International</i> , 2021, 140, 109863.	6.2	12
21	Food Consumption Data as a Tool to Estimate Exposure to Mycoestrogens. <i>Toxins</i> , 2020, 12, 118.	3.4	10
22	Comprehensive toxicokinetic analysis reveals major interspecies differences in absorption, distribution and elimination of citrinin in pigs and broiler chickens. <i>Food and Chemical Toxicology</i> , 2020, 141, 111365.	3.6	9
23	Stability of DON and DON-3-glucoside during baking as affected by the presence of food additives. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 529-537.	2.3	8
24	Essential descriptors for mycotoxin contamination data in food and feed. <i>Food Research International</i> , 2022, 152, 110883.	6.2	8
25	Volumetric Absorptive Microsampling as an Alternative Tool for Biomonitoring of Multi-Mycotoxin Exposure in Resource-Limited Areas. <i>Toxins</i> , 2021, 13, 345.	3.4	5
26	A concise review towards defining the exposome of oesophageal cancer in sub-Saharan Africa. <i>Environment International</i> , 2021, 157, 106880.	10.0	5
27	Mycotoxins as Endocrine Disruptors – An Emerging Threat. , 2021, , 180-192.		1
28	Development of an <i>in vitro</i> gastro-intestinal pig model to screen potential detoxifying agents for the mycotoxin deoxynivalenol. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 488-500.	2.3	0