

Zbynek Dzuman

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,142
citations

586496

16
h-index

759306

22
g-index

23
all docs

23
docs citations

23
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Free and conjugated <i>Alternaria</i> and <i>Fusarium</i> mycotoxins during Pilsner malt production and double-mash brewing. <i>Food Chemistry</i> , 2022, 369, 130926.	4.2	10
2	Fungal Endophytes of <i>Vitis vinifera</i> – Plant Growth Promoters or Potentially Toxinogenic Agents?. <i>Toxins</i> , 2022, 14, 66.	1.5	8
3	Regulated and Non-Regulated Mycotoxin Detection in Cereal Matrices Using an Ultra-High-Performance Liquid Chromatography High-Resolution Mass Spectrometry (UHPLC-HRMS) Method. <i>Toxins</i> , 2021, 13, 783.	1.5	9
4	A Non-Targeted High-Resolution Mass Spectrometry Study for Extra Virgin Olive Oil Adulteration with Soft Refined Oils: Preliminary Findings from Two Different Laboratories. <i>ACS Omega</i> , 2020, 5, 24169-24178.	1.6	14
5	Development of a new LC-MS method for accurate and sensitive determination of 33 pyrrolizidine and 21 tropane alkaloids in plant-based food matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7155-7167.	1.9	25
6	Poor chemical and microbiological quality of the commercial milk thistle-based dietary supplements may account for their reported unsatisfactory and non-reproducible clinical outcomes. <i>Scientific Reports</i> , 2019, 9, 11118.	1.6	39
7	Analysis of phosphodiesterase type 5 inhibitors as possible adulterants of botanical-based dietary supplements: extensive survey of preparations available at the Czech market. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 713-724.	1.4	28
8	Untargeted metabolomics based on ultra-high-performance liquid chromatography – high-resolution mass spectrometry merged with chemometrics: A new predictable tool for an early detection of mycotoxins. <i>Food Chemistry</i> , 2017, 224, 423-431.	4.2	50
9	Fate of Free and Conjugated Mycotoxins within the Production of Distiller's Dried Grains with Solubles (DDGS). <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5085-5092.	2.4	21
10	Bioprospecting of microalgae: Proper extraction followed by high performance liquid chromatographic – high resolution mass spectrometric fingerprinting as key tools for successful metabolom characterization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1015-1016, 22-33.	1.2	14
11	Effect of <i>Fusarium culmorum</i> Tri Gene Transcription on Deoxynivalenol and D3G Levels in Two Different Barley Cultivars. <i>Journal of Phytopathology</i> , 2015, 163, 593-603.	0.5	4
12	Multi-analyte high performance liquid chromatography coupled to high resolution tandem mass spectrometry method for control of pesticide residues, mycotoxins, and pyrrolizidine alkaloids. <i>Analytica Chimica Acta</i> , 2015, 863, 29-40.	2.6	108
13	Mycotoxins in Plant-Based Dietary Supplements: Hidden Health Risk for Consumers. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6633-6643.	2.4	76
14	Monitoring survey of patulin in a variety of fruit-based products using a sensitive UHPLC – MS/MS analytical procedure. <i>Food Control</i> , 2015, 47, 577-584.	2.8	53
15	A rugged high-throughput analytical approach for the determination and quantification of multiple mycotoxins in complex feed matrices. <i>Talanta</i> , 2014, 121, 263-272.	2.9	94
16	Enzyme-linked immunosorbent assay in analysis of deoxynivalenol: investigation of the impact of sample matrix on results accuracy. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 505-514.	1.9	28
17	Rapid LC – MS based metabolomics method to study the <i>Fusarium</i> infection of barley. <i>Journal of Separation Science</i> , 2014, 37, 912-919.	1.3	37
18	Emerging mycotoxins in cereals processing chains: Changes of enniatins during beer and bread making. <i>Food Chemistry</i> , 2013, 136, 750-757.	4.2	139

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19	Analysis of mycotoxins in barley using ultra high liquid chromatography high resolution mass spectrometry: Comparison of efficiency and efficacy of different extraction procedures. <i>Talanta</i> , 2012, 99, 712-719.	2.9	106
20	Effects of Milling and Baking Technologies on Levels of Deoxynivalenol and its Masked Form Deoxynivalenol-3-Glucoside. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9303-9312.	2.4	103
21	Deoxynivalenol, Deoxynivalenol-3-glucoside, and Enniatins: The Major Mycotoxins Found in Cereal-Based Products on the Czech Market. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12990-12997.	2.4	121
22	<i>Fusarium</i> mycotoxins in various barley cultivars and their transfer into malt. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 2495-2505.	1.7	55