

Sylvain ChÃ©reau

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

537
citations

777949

13
h-index

721071

23
g-index

24
all docs

24
docs citations

24
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular identification of some <i>Fusarium</i> isolates and their chemotypes involved in fusarium head blight on Durum wheat in Algeria. Archives of Phytopathology and Plant Protection, 2022, 55, 499-513.	0.6	4
2	Use of Defensins to Develop Eco-Friendly Alternatives to Synthetic Fungicides to Control Phytopathogenic Fungi and Their Mycotoxins. Journal of Fungi (Basel, Switzerland), 2022, 8, 229.	1.5	7
3	Post-Translational Modifications of Histones Are Versatile Regulators of Fungal Development and Secondary Metabolism. Toxins, 2022, 14, 317.	1.5	7
4	Using metabolomics to guide strategies to tackle the issue of the contamination of food and feed with mycotoxins: A review of the literature with specific focus on Fusarium mycotoxins. Food Control, 2021, 121, 107610.	2.8	15
5	Natural Occurrence of Mycotoxin-Producing Fusaria in Market-Bought Peruvian Cereals: A Food Safety Threat for Andean Populations. Toxins, 2021, 13, 172.	1.5	13
6	Tick defensin β -core reduces <i>Fusarium graminearum</i> growth and abrogates mycotoxins production with high efficiency. Scientific Reports, 2021, 11, 7962.	1.6	8
7	QTL mapping in <i>Fusarium graminearum</i> identified an allele of FgVe1 involved in reduced aggressiveness. Fungal Genetics and Biology, 2021, 153, 103566.	0.9	3
8	Efficiency of Hydroxycinnamic Phenolic Acids to Inhibit the Production of Ochratoxin A by <i>Aspergillus westerdijkiae</i> and <i>Penicillium verrucosum</i> . International Journal of Molecular Sciences, 2020, 21, 8548.	1.8	8
9	Investigating the Efficiency of Hydroxycinnamic Acids to Inhibit the Production of Enniatins by <i>Fusarium avenaceum</i> and Modulate the Expression of Enniatins Biosynthetic Genes. Toxins, 2020, 12, 735.	1.5	12
10	Methanolic Extracts from Cultivated Mushrooms Affect the Production of Fumonisin B and Fusaric Acid by <i>Fusarium verticillioides</i> . Toxins, 2020, 12, 366.	1.5	10
11	Priming to protect maize from <i>Fusarium verticillioides</i> and its fumonisin accumulation. Journal of the Science of Food and Agriculture, 2019, 99, 64-72.	1.7	6
12	Characterization of GMO or glyphosate effects on the composition of maize grain and maize-based diet for rat feeding. Metabolomics, 2018, 14, 36.	1.4	9
13	Abiotic conditions leading to FUM gene expression and fumonisin accumulation by <i>Fusarium proliferatum</i> strains grown on a wheat-based substrate. International Journal of Food Microbiology, 2017, 253, 12-19.	2.1	20
14	Yeast and bacteria from ensiled high moisture maize grains as potential mitigation agents of fumonisin B ₁ . Journal of the Science of Food and Agriculture, 2017, 97, 2443-2452.	1.7	19
15	Pathogenicity and trichothecenes production of <i>Fusarium culmorum</i> strains causing head blight on wheat and evaluation of resistance of the varieties cultivated in Algeria. European Journal of Plant Pathology, 2016, 145, 797-814.	0.8	19
16	Inhibition mechanism of <i>Listeria monocytogenes</i> by a bioprotective bacteria <i>Lactococcus piscium</i> CNCM I-4031. Food Microbiology, 2016, 53, 70-78.	2.1	62
17	Metabolomics to Decipher the Chemical Defense of Cereals against <i>Fusarium graminearum</i> and Deoxynivalenol Accumulation. International Journal of Molecular Sciences, 2015, 16, 24839-24872.	1.8	82
18	LC-HRMS based metabolomics screening model to detect various β -agonists treatments in bovines. Metabolomics, 2015, 11, 403-411.	1.4	39

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19	Potential of mass spectrometry metabolomics for chemical food safety. <i>Bioanalysis</i> , 2015, 7, 133-146.	0.6	30
20	Implementation of a semi-automated strategy for the annotation of metabolomic fingerprints generated by liquid chromatography-high resolution mass spectrometry from biological samples. <i>Analyst</i> , 2012, 137, 4958.	1.7	27
21	Metabolomics in food analysis: application to the control of forbidden substances. <i>Drug Testing and Analysis</i> , 2012, 4, 59-69.	1.6	39
22	Development and validation of an enzyme-linked immunosorbent assay for the detection of circulating antibodies raised against growth hormone as a consequence of rbST treatment in cows. <i>Analytica Chimica Acta</i> , 2011, 700, 189-193.	2.6	20
23	Assessment of two complementary liquid chromatography coupled to high resolution mass spectrometry metabolomics strategies for the screening of anabolic steroid treatment in calves. <i>Analytica Chimica Acta</i> , 2011, 700, 144-154.	2.6	59
24	Identification of Cows Treated with Recombinant Bovine Somatotropin. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 729-733.	2.4	19