

Esther GarcÃ-a-Cela

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

651
citations

471509

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24
g-index

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all docs

37
docs citations

37
times ranked

806
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Control Products for Aflatoxin Prevention in Italy: Commercial Field Evaluation of Atoxigenic <i>Aspergillus flavus</i> Active Ingredients. <i>Toxins</i> , 2018, 10, 30.	3.4	72
2	Overview of Fungi and Mycotoxin Contamination in Capsicum Pepper and in Its Derivatives. <i>Toxins</i> , 2019, 11, 27.	3.4	58
3	Ecophysiological characterization of <i>Aspergillus carbonarius</i> , <i>Aspergillus tubingensis</i> and <i>Aspergillus niger</i> isolated from grapes in Spanish vineyards. <i>International Journal of Food Microbiology</i> , 2014, 173, 89-98.	4.7	36
4	Emerging risk management metrics in food safety: FSO, PO. How do they apply to the mycotoxin hazard?. <i>Food Control</i> , 2012, 25, 797-808.	5.5	33
5	Fungal diversity, incidence and mycotoxin contamination in grapes from two agro-climatic Spanish regions with emphasis on <i>Aspergillus</i> species. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 1716-1729.	3.5	31
6	Influence of storage environment on maize grain: CO ₂ production, dry matter losses and aflatoxins contamination. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 175-185.	2.3	29
7	Electrospinning alginate/polyethylene oxide and curcumin composite nanofibers. <i>Materials Letters</i> , 2020, 270, 127662.	2.6	28
8	Visualizing the invisible: class excursions to ignite children's enthusiasm for microbes. <i>Microbial Biotechnology</i> , 2020, 13, 844-887.	4.2	26
9	Effect of ultraviolet radiation A and B on growth and mycotoxin production by <i>Aspergillus carbonarius</i> and <i>Aspergillus parasiticus</i> in grape and pistachio media. <i>Fungal Biology</i> , 2015, 119, 67-78.	2.5	25
10	Interacting Environmental Stress Factors Affects Targeted Metabolomic Profiles in Stored Natural Wheat and That Inoculated with <i>F. graminearum</i> . <i>Toxins</i> , 2018, 10, 56.	3.4	25
11	Resilience of Biocontrol for Aflatoxin Minimization Strategies: Climate Change Abiotic Factors May Affect Control in Non-GM and GM-Maize Cultivars. <i>Frontiers in Microbiology</i> , 2019, 10, 2525.	3.5	22
12	Interacting climate change factors (CO ₂ and temperature cycles) effects on growth, secondary metabolite gene expression and phenotypic ochratoxin A production by <i>Aspergillus carbonarius</i> strains on a grape-based matrix. <i>Fungal Biology</i> , 2021, 125, 115-122.	2.5	22
13	<i>Fusarium graminearum</i> in Stored Wheat: Use of CO ₂ Production to Quantify Dry Matter Losses and Relate This to Relative Risks of Zearalenone Contamination under Interacting Environmental Conditions. <i>Toxins</i> , 2018, 10, 86.	3.4	21
14	Mould growth and mycotoxin production as affected by <i>Equisetum arvense</i> and <i>Stevia rebaudiana</i> extracts. <i>Food Control</i> , 2011, 22, 1378-1384.	5.5	20
15	The "omics" contributions to the understanding of mycotoxin production under diverse environmental conditions. <i>Current Opinion in Food Science</i> , 2018, 23, 97-104.	8.0	20
16	Influence of Two Garlic-Derived Compounds, Propyl Propane Thiosulfonate (PTS) and Propyl Propane Thiosulfinate (PTSO), on Growth and Mycotoxin Production by <i>Fusarium</i> Species In Vitro and in Stored Cereals. <i>Toxins</i> , 2019, 11, 495.	3.4	20
17	Assessment of the Effect of <i>Satureja montana</i> and <i>Origanum virens</i> Essential Oils on <i>Aspergillus flavus</i> Growth and Aflatoxin Production at Different Water Activities. <i>Toxins</i> , 2020, 12, 142.	3.4	19
18	Interacting Abiotic Factors Affect Growth and Aflatoxin B1 Production Profiles of <i>Aspergillus flavus</i> Strains on Pistachio-Based Matrices and Pistachio Nuts. <i>Frontiers in Microbiology</i> , 2020, 11, 624007.	3.5	18

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19	Ochratoxigenic moulds and effectiveness of grape field antifungals in a climatic change scenario. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 1455-1461.	3.5	16
20	Carbon dioxide production as an indicator of <i>Aspergillus flavus</i> colonisation and aflatoxins/cyclopiazonic acid contamination in shelled peanuts stored under different interacting abiotic factors. <i>Fungal Biology</i> , 2020, 124, 1-7.	2.5	13
21	Unveiling the effect of interacting forecasted abiotic factors on growth and aflatoxin B1 production kinetics by <i>Aspergillus flavus</i> . <i>Fungal Biology</i> , 2021, 125, 89-94.	2.5	12
22	Water and temperature relations of <i>Fusarium langsethiae</i> strains and modelling of growth and T-2 and HT-2 mycotoxin production on oat-based matrices. <i>International Journal of Food Microbiology</i> , 2021, 348, 109203.	4.7	12
23	Risk management towards food safety objective achievement regarding to mycotoxins in pistachio: The sampling and measurement uncertainty issue. <i>Food Control</i> , 2013, 31, 392-402.	5.5	11
24	Comparative Growth Inhibition of Bread Spoilage Fungi by Different Preservative Concentrations Using a Rapid Turbidimetric Assay System. <i>Frontiers in Microbiology</i> , 2021, 12, 678406.	3.5	10
25	Effect of preharvest anti-fungal compounds on <i>Aspergillus steynii</i> and <i>A. carbonarius</i> under fluctuating and extreme environmental conditions. <i>International Journal of Food Microbiology</i> , 2012, 159, 167-176.	4.7	9
26	Conidia survival of <i>Aspergillus</i> section <i>Nigri</i> , <i>Flavi</i> and <i>Circumdati</i> under $UV\text{-}A$ and $UV\text{-}B$ radiation with cycling temperature/light regime. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 2249-2256.	3.5	9
27	Three-Dimensional Study of <i>F. graminearum</i> Colonisation of Stored Wheat: Post-Harvest Growth Patterns, Dry Matter Losses and Mycotoxin Contamination. <i>Microorganisms</i> , 2020, 8, 1170.	3.6	7
28	Dynamics of solute/matric stress interactions with climate change abiotic factors on growth, gene expression and ochratoxin A production by <i>Penicillium verrucosum</i> on a wheat-based matrix. <i>Fungal Biology</i> , 2021, 125, 62-68.	2.5	6
29	Determining future aflatoxin contamination risk scenarios for corn in Southern Georgia, USA using spatio-temporal modelling and future climate simulations. <i>Scientific Reports</i> , 2021, 11, 13522.	3.3	6
30	Solute and matric potential stress on <i>Penicillium verrucosum</i> : impact on growth, gene expression and ochratoxin A production. <i>World Mycotoxin Journal</i> , 2020, 13, 345-353.	1.4	5
31	Investigation of the potential to reduce waste through sampling and spatial analysis of grain bulks. <i>Biosystems Engineering</i> , 2021, 207, 92-105.	4.3	2
32	Advances in post-harvest detection and control of fungal contamination of cereals. <i>Burleigh Dodds Series in Agricultural Science</i> , 2020, , 339-362.	0.2	2
33	Interacting Environmental Stress Factors Affect Metabolomics Profiles in Stored Naturally Contaminated Maize. <i>Microorganisms</i> , 2022, 10, 853.	3.6	2
34	Biological Control Agents for Mycotoxin Control: Are They Resilient Enough?. <i>Progress in Biological Control</i> , 2020, , 295-309.	0.5	1
35	Proof of concept: could snake venoms be a potential source of bioactive compounds for control of mould growth and mycotoxin production. <i>Letters in Applied Microbiology</i> , 2020, 71, 459-465.	2.2	0
36	Effect of Ultraviolet Radiation on Conidia Survival of Potential Mycotoxigenic <i>Aspergillus</i> Species. , 0, , .		0