

Lilia Rene Cavaglieri

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,541
citations

257450

24
h-index

315739

38
g-index

51
all docs

51
docs citations

51
times ranked

1717
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungi and mycotoxins in silage: an overview. <i>Journal of Applied Microbiology</i> , 2013, 115, 637-643.	3.1	114
2	Adsorption of ochratoxin A and zearalenone by potential probiotic <i>Saccharomyces cerevisiae</i> strains and its relation with cell wall thickness. <i>Journal of Applied Microbiology</i> , 2012, 113, 256-264.	3.1	110
3	Effect of low levels of aflatoxin B1 on performance, biochemical parameters, and aflatoxin B1 in broiler liver tissues in the presence of monensin and sodium bentonite. <i>Poultry Science</i> , 2011, 90, 48-58.	3.4	102
4	Fungi and selected mycotoxins from pre- and postfermented corn silage. <i>Journal of Applied Microbiology</i> , 2008, 104, 1034-1041.	3.1	90
5	Fungal and mycotoxins contamination in corn silage: Monitoring risk before and after fermentation. <i>Journal of Stored Products Research</i> , 2013, 52, 42-47.	2.6	64
6	Impact of mycotoxin contamination in the animal feed industry. <i>Current Opinion in Food Science</i> , 2019, 29, 99-108.	8.0	58
7	Antioxidant and cytoprotective effect of peptides produced by hydrolysis of whey protein concentrate with trypsin. <i>Food Chemistry</i> , 2020, 319, 126472.	8.2	58
8	Zearalenone and Its Derivatives $\hat{1}$ -Zearalenol and $\hat{2}$ -Zearalenol Decontamination by <i>Saccharomyces cerevisiae</i> Strains Isolated from Bovine Forage. <i>Toxins</i> , 2015, 7, 3297-3308.	3.4	53
9	Intestinal toxicity of deoxynivalenol is limited by <i>Lactobacillus rhamnosus</i> RC007 in pig jejunum explants. <i>Archives of Toxicology</i> , 2018, 92, 983-993.	4.2	51
10	Screening procedures for selecting rhizobacteria with biocontrol effects upon <i>Fusarium verticillioides</i> growth and fumonisin B1 production. <i>Research in Microbiology</i> , 2004, 155, 747-754.	2.1	50
11	Comparative analysis of the mycobiota and mycotoxins contaminating corn trench silos and silo bags. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 1474-1481.	3.5	48
12	Sodium bentonite and monensin under chronic aflatoxicosis in broiler chickens. <i>Poultry Science</i> , 2011, 90, 352-357.	3.4	48
13	In vitro study on the effect of <i>Saccharomyces cerevisiae</i> strains on growth and mycotoxin production by <i>Aspergillus carbonarius</i> and <i>Fusarium graminearum</i> . <i>International Journal of Food Microbiology</i> , 2013, 161, 182-188.	4.7	44
14	Fungi and natural incidence of selected mycotoxins in barley rootlets. <i>Journal of Stored Products Research</i> , 2009, 45, 147-150.	2.6	39
15	Mycobiota and mycotoxins in malted barley and brewer's spent grain from Argentinean breweries. <i>Letters in Applied Microbiology</i> , 2011, 53, 649-655.	2.2	37
16	Effect of microencapsulation in whey protein and water-soluble chitosan derivative on the viability of the probiotic <i>Kluyveromyces marxianus</i> VM004 during storage and in simulated gastrointestinal conditions. <i>LWT - Food Science and Technology</i> , 2020, 118, 108844.	5.2	36
17	Influence of water activity, temperature and time on mycotoxins production on barley rootlets. <i>Letters in Applied Microbiology</i> , 2006, 42, 179-184.	2.2	35
18	Determination of mycobiota and mycotoxins in pig feed in central Argentina. <i>Letters in Applied Microbiology</i> , 2008, 46, 555-561.	2.2	35

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19	A <i>Saccharomyces cerevisiae</i> RC016-based feed additive reduces liver toxicity, residual aflatoxin B1 levels and positively influences intestinal morphology in broiler chickens fed chronic aflatoxin B1-contaminated diets. <i>Animal Nutrition</i> , 2020, 6, 31-38.	5.1	33
20	Genotoxicity and cytotoxicity evaluation of probiotic <i>Saccharomyces cerevisiae</i> RC016: a 60-day subchronic oral toxicity study in rats. <i>Journal of Applied Microbiology</i> , 2014, 117, 824-833.	3.1	31
21	Use of yeast (<i>Pichia kudriavzevii</i>) as a novel feed additive to ameliorate the effects of aflatoxin B1 on broiler chicken performance. <i>Mycotoxin Research</i> , 2017, 33, 273-283.	2.3	29
22	<i>Aspergillus fumigatus</i> toxicity and gliotoxin levels in feedstuff for domestic animals and pets in Argentina. <i>Letters in Applied Microbiology</i> , 2010, 50, 77-81.	2.2	28
23	<i>Saccharomyces cerevisiae</i> strains and the reduction of <i>Aspergillus parasiticus</i> growth and aflatoxin B ₁ production at different interacting environmental conditions, <i>in vitro</i> . <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 1443-1449.	2.3	27
24	The corn influence on the adsorption levels of aflatoxin B ₁ and zearalenone by yeast cell wall. <i>Journal of Applied Microbiology</i> , 2013, 114, 655-662.	3.1	26
25	Presence of <i>aiiA</i> homologue genes encoding for N-Acyl homoserine lactone-degrading enzyme in aflatoxin B1-decontaminating <i>Bacillus</i> strains with potential use as feed additives. <i>Food and Chemical Toxicology</i> , 2019, 124, 316-323.	3.6	25
26	Gliotoxin contamination in and pre- and postfermented corn, sorghum and wet brewer's grains silage in Sao Paulo and Rio de Janeiro State, Brazil. <i>Journal of Applied Microbiology</i> , 2012, 112, 865-873.	3.1	19
27	Antifungal and aflatoxin-reducing activity of extracellular compounds produced by soil <i>Bacillus</i> strains with potential application in agriculture. <i>Food Control</i> , 2018, 85, 392-399.	5.5	19
28	The production of yeast cell wall using an agroindustrial waste influences the wall thickness and is implicated on the aflatoxin B1 adsorption process. <i>Food Research International</i> , 2018, 111, 306-313.	6.2	19
29	In Vitro Activity of Neem (<i>Azadirachta indica</i>) Oil on Growth and Ochratoxin A Production by <i>Aspergillus carbonarius</i> Isolates. <i>Toxins</i> , 2019, 11, 579.	3.4	18
30	Aflatoxin B ₁ adsorption/desorption dynamics in the presence of <i>Lactobacillus rhamnosus</i> RC007 in a gastrointestinal tract-simulated model. <i>Journal of Applied Microbiology</i> , 2019, 126, 223-229.	3.1	18
31	Statistical optimization of culture conditions for biomass production of probiotic gut-borne <i>Saccharomyces cerevisiae</i> strain able to reduce fumonisin B ₁ . <i>Journal of Applied Microbiology</i> , 2013, 114, 1338-1346.	3.1	16
32	Novel yeast isolated from broilers' feedstuff, gut and faeces as aflatoxin B ₁ adsorbents. <i>Journal of Applied Microbiology</i> , 2016, 121, 1766-1776.	3.1	16
33	Effect of monogastric and ruminant gastrointestinal conditions on <i>in vitro</i> aflatoxin B1 adsorption ability by a montmorillonite. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 743-749.	2.3	15
34	Evaluation of zearalenone, $\hat{1}$ -zearalenol, $\hat{2}$ -zearalenol, zearalenone 4-sulfate and $\hat{2}$ -zearalenol 4-glucoside levels during the ensiling process.. <i>World Mycotoxin Journal</i> , 2014, 7, 291-295.	1.4	15
35	Potential of the effect of a commercial animal feed additive mixed with different probiotic yeast strains on the adsorption of aflatoxin B1. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 970-976.	2.3	15
36	Bakery by-products based feeds borne- <i>Saccharomyces cerevisiae</i> strains with probiotic and antimycotoxin effects plus antibiotic resistance properties for use in animal production. <i>Food and Chemical Toxicology</i> , 2017, 107, 630-636.	3.6	14

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37	<i>Pediococcus acidolactici</i> and <i>Pediococcus pentosaceus</i> isolated from a rainbow trout ecosystem have probiotic and ABF1 adsorbing/degrading abilities <i>in vitro</i> . Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 2118-2130.	2.3	13
38	Binding of Aflatoxin B1 to Lactic Acid Bacteria and <i>Saccharomyces cerevisiae</i> <i>in vitro</i> : A Useful Model to Determine the Most Efficient Microorganism. , 0, , .		9
39	Efficacy of corn silage inoculants on the fermentation quality under farm conditions and their influence on <i>Aspergillus parasiticus</i> , <i>A. flavus</i> and <i>A. fumigatus</i> determined by q-PCR. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 229-235.	2.3	9
40	<i>Lithothamnium calcareum</i> (Pallas) Areschoug seaweed adsorbs aflatoxin B1 <i>in vitro</i> and improves broiler chicken's performance. Mycotoxin Research, 2020, 36, 371-379.	2.3	8
41	Typing clinical and animal environment <i>Aspergillus fumigatus</i> gliotoxin producer strains isolated from Brazil by PCR-RFLP markers. Letters in Applied Microbiology, 2013, 57, 484-491.	2.2	7
42	Probiotic characteristics and aflatoxin B ₁ binding ability of <i>Debaryomyces hansenii</i> and <i>Kazaschtania exigua</i> from rainbow trout environment. Aquaculture Research, 2018, 49, 1588-1597.	1.8	7
43	Culture medium and gastrointestinal environment positively influence the <i>Saccharomyces cerevisiae</i> RC016 cell wall polysaccharide profile and aflatoxin B1 bioadsorption. LWT - Food Science and Technology, 2020, 126, 109306.	5.2	7
44	Influence of technological procedures on viability, probiotic and anti-mycotoxin properties of <i>Saccharomyces boulardii</i> RC009, and biological safety studies. Current Research in Food Science, 2021, 4, 132-140.	5.8	7
45	<i>Saccharomyces cerevisiae</i> as a probiotic agent and a possible aflatoxin B1 adsorbent in simulated fish intestinal tract conditions. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2020, 72, 862-870.	0.4	6
46	<i>Mintostachys verticillata</i> essential oils as potential phytochemical additives and chemoprotective strategy on aflatoxin B ₁ toxicity. Journal of Applied Animal Research, 2019, 47, 217-222.	1.2	4
47	Probiotic gut-borne <i>Saccharomyces cerevisiae</i> reduces liver toxicity caused by aflatoxins in weanling piglets. World Mycotoxin Journal, 2021, 14, 379-388.	1.4	4
48	Cytotoxic activity and genotoxicity of antioxidant WPC-hydrolysates and their probiotics compatibility as Potential Functional Feed Additive. Food Bioscience, 2021, 41, 100922.	4.4	2
49	Respiratory tract clinometry, fat thickness, haematology and productive parameters associated with direct-fed microbials used as growth promoter antibiotic alternative in weaned piglets. Veterinary and Animal Science, 2022, 16, 100246.	1.5	2
50	Cytotoxicity in Vero cells and cytokines analyses in Balb/c mice as safety assessments of the probiotic mixture <i>Saccharomyces cerevisiae</i> RC016 and <i>Lactobacillus rhamnosus</i> RC007 for use as a feed additive. Letters in Applied Microbiology, 2020, 71, 400-404.	2.2	1