

# Sofia Chulze

## List of Publications by Year in descending order

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70  
papers

2,998  
citations

117453

34  
h-index

168136

53  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of <i>Fusarium proliferatum</i> growth and fumonisin accumulation by ZnO nanoparticles both on a maize based medium and irradiated maize grains. <i>International Journal of Food Microbiology</i> , 2022, 363, 109510.	2.1	8
2	<i>Fusarium chaquense</i> , sp. nov, a novel type A trichothecene-producing species from native grasses in a wetland ecosystem in Argentina. <i>Mycologia</i> , 2022, 114, 46-62.	0.8	3
3	Combination of <i>Bacillus velezensis</i> RC218 and Chitosan to Control <i>Fusarium</i> Head Blight on Bread and Durum Wheat under Greenhouse and Field Conditions. <i>Toxins</i> , 2022, 14, 499.	1.5	6
4	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic <i>Fusarium</i> that Includes the <i>Fusarium solani</i> Species Complex. <i>Phytopathology</i> , 2021, 111, 1064-1079.	1.1	107
5	<i>Fusarium graminearum</i> species complex occurrence on soybean and <i>F. graminearum</i> sensu stricto inoculum maintenance on residues in soybean-wheat rotation under field conditions. <i>Journal of Applied Microbiology</i> , 2021, 130, 208-216.	1.4	9
6	Key Global Actions for Mycotoxin Management in Wheat and Other Small Grains. <i>Toxins</i> , 2021, 13, 725.	1.5	43
7	Spray-drying process as a suitable tool for the formulation of <i>Bacillus velezensis</i> RC218, a proved biocontrol agent to reduce <i>Fusarium</i> Head Blight and deoxynivalenol accumulation in wheat. <i>Biocontrol Science and Technology</i> , 2020, 30, 329-338.	0.5	3
8	Effect of interacting conditions of water activity, temperature and incubation time on <i>Fusarium thapsinum</i> and <i>Fusarium andiyazi</i> growth and toxin production on sorghum grains. <i>International Journal of Food Microbiology</i> , 2020, 318, 108468.	2.1	7
9	Population structure and genetic diversity of <i>Fusarium graminearum</i> sensu stricto, the main wheat pathogen producing <i>Fusarium</i> head blight in Argentina. <i>European Journal of Plant Pathology</i> , 2020, 156, 635-646.	0.8	10
10	Fumonisin and Beauvericin Chemotypes and Genotypes of the Sister Species <i>Fusarium subglutinans</i> and <i>Fusarium temperatum</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	14
11	Effects of water activity and temperature on fusaric and fusarinolic acid production by <i>Fusarium temperatum</i> . <i>Food Control</i> , 2020, 114, 107263.	2.8	5
12	<i>Fusarium</i> species and moniliformin occurrence in sorghum grains used as ingredient for animal feed in Argentina. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 47-54.	1.7	16
13	Preliminary Study on the Use of Chitosan as an Eco-Friendly Alternative to Control <i>Fusarium</i> Growth and Mycotoxin Production on Maize and Wheat. <i>Pathogens</i> , 2019, 8, 29.	1.2	26
14	Tolerance of triazole-based fungicides by biocontrol agents used to control <i>Fusarium</i> head blight in wheat in Argentina. <i>Letters in Applied Microbiology</i> , 2018, 66, 434-438.	1.0	18
15	The Mycotox Charter: Increasing Awareness of, and Concerted Action for, Minimizing Mycotoxin Exposure Worldwide. <i>Toxins</i> , 2018, 10, 149.	1.5	57
16	Effect of water activity and temperature on growth and trichothecene production by <i>Fusarium meridionale</i> . <i>International Journal of Food Microbiology</i> , 2018, 285, 69-73.	2.1	8
17	Biocontrol of <i>Fusarium graminearum</i> sensu stricto, Reduction of Deoxynivalenol Accumulation and Phytohormone Induction by Two Selected Antagonists. <i>Toxins</i> , 2018, 10, 88.	1.5	49
18	MycKey Round Table Discussions of Future Directions in Research on Chemical Detection Methods, Genetics and Biodiversity of Mycotoxins. <i>Toxins</i> , 2018, 10, 109.	1.5	8

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19	An integrated dual strategy to control <i>Fusarium graminearum sensu stricto</i> by the biocontrol agent <i>Streptomyces</i> sp. RC 87B under field conditions. <i>Plant Gene</i> , 2017, 9, 13-18.	1.4	25
20	Reprint of "An integrated dual strategy to control <i>Fusarium graminearum sensu stricto</i> by the biocontrol agent <i>Streptomyces</i> sp. RC 87B under field conditions" <i>Plant Gene</i> , 2017, 11, 2-7.	1.4	5
21	Pathogenicity of <i>Fusarium graminearum</i> and <i>F. meridionale</i> on soybean pod blight and trichothecene accumulation. <i>Plant Pathology</i> , 2016, 65, 1492-1497.	1.2	18
22	<i>Aspergillus</i> and Ochratoxin A in Latin America. , 2016, , 265-287.		2
23	<i>Bacillus velezensis</i> RC 218 as a biocontrol agent to reduce <i>Fusarium</i> head blight and deoxynivalenol accumulation: Genome sequencing and secondary metabolite cluster profiles. <i>Microbiological Research</i> , 2016, 192, 30-36.	2.5	149
24	Biological control of <i>Fusarium graminearum sensu stricto</i> , causal agent of <i>Fusarium</i> head blight of wheat, using formulated antagonists under field conditions in Argentina. <i>Biological Control</i> , 2016, 94, 56-61.	1.4	62
25	Presence of Multiple Mycotoxins and Other Fungal Metabolites in Native Grasses from a Wetland Ecosystem in Argentina Intended for Grazing Cattle. <i>Toxins</i> , 2015, 7, 3309-3329.	1.5	45
26	Ecophysiology of <i>Fusarium temperatum</i> isolated from maize in Argentina. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 33, 1-10.	1.1	4
27	Biological control as a strategy to reduce the impact of mycotoxins in peanuts, grapes and cereals in Argentina. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 471-479.	1.1	51
28	<i>Fusarium temperatum</i> and <i>Fusarium subglutinans</i> isolated from maize in Argentina. <i>International Journal of Food Microbiology</i> , 2015, 199, 86-92.	2.1	35
29	Factors affecting distribution and abundance of <i>Aspergillus</i> section <i>Nigri</i> in vineyard soils from grapevine growing regions of Argentina. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 3001-3007.	1.7	14
30	Pathogenicity of phylogenetic species in the <i>Fusarium graminearum</i> complex on soybean seedlings in Argentina. <i>European Journal of Plant Pathology</i> , 2014, 138, 215-222.	0.8	33
31	Evaluaci3n del potencial de dos cepas de <i>Kluyveromyces thermotolerans</i> como agentes de biocontrol de <i>Aspergillus</i> secci3n <i>Nigri</i> y reducci3n en la acumulaci3n de ocratoxina en vi±edos. , 2014, , .		0
32	Biocontrol and population dynamics of <i>Fusarium</i> spp. on wheat stubble in Argentina. <i>Plant Pathology</i> , 2013, 62, 859-866.	1.2	51
33	One Fungus, One Name: Defining the Genus <i>Fusarium</i> in a Scientifically Robust Way That Preserves Longstanding Use. <i>Phytopathology</i> , 2013, 103, 400-408.	1.1	219
34	Biodiversity of <i>Aspergillus</i> section <i>Nigri</i> populations in Argentinian vineyards and ochratoxin A contamination. <i>Food Microbiology</i> , 2013, 36, 182-190.	2.1	39
35	Control of Ochratoxin A Production in Grapes. <i>Toxins</i> , 2012, 4, 364-372.	1.5	31
36	Impact of cycling temperatures on <i>Fusarium verticillioides</i> and <i>Fusarium graminearum</i> growth and mycotoxins production in soybean. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 2952-2959.	1.7	35

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37	Genetic population structure and trichothecene genotypes of <i>Fusarium graminearum</i> isolated from wheat in southern Brazil. <i>Plant Pathology</i> , 2012, 61, 289-295.	1.2	57
38	Molecular characterization and toxigenic profile of <i>Aspergillus</i> section <i>Nigri</i> populations isolated from the main grape-growing regions in Argentina. <i>Journal of Applied Microbiology</i> , 2011, 110, 445-454.	1.4	14
39	Phylogenetic characterization and ochratoxin A and Fumonisin profile of black <i>Aspergillus</i> isolated from grapes in Argentina. <i>International Journal of Food Microbiology</i> , 2011, 149, 171-176.	2.1	36
40	Biocontrol as a strategy to reduce the impact of ochratoxin A and <i>Aspergillus</i> section <i>Nigri</i> in grapes. <i>International Journal of Food Microbiology</i> , 2011, 151, 70-77.	2.1	61
41	Strategies to reduce mycotoxin levels in maize during storage: a review. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 651-657.	1.1	217
42	Influence of <i>Planococcus ficus</i> on <i>Aspergillus</i> section <i>Nigri</i> and ochratoxin A incidence in vineyards from Argentina. <i>Letters in Applied Microbiology</i> , 2010, 51, no-no.	1.0	21
43	Natural Occurrence of Ochratoxin A in Musts, Wines and Grape Vine Fruits from Grapes Harvested in Argentina. <i>Toxins</i> , 2010, 2, 1984-1996.	1.5	20
44	<i>Aspergillus</i> section <i>Nigri</i> species isolated from different wine-grape growing regions in Argentina. <i>International Journal of Food Microbiology</i> , 2009, 136, 137-141.	2.1	45
45	Genetic structure of <i>Fusarium verticillioides</i> populations isolated from maize in Argentina. <i>European Journal of Plant Pathology</i> , 2009, 123, 207-215.	0.8	23
46	In vitro control of growth and ochratoxin A production by butylated hydroxyanisole in <i>Aspergillus</i> section <i>Nigri</i> species. <i>Food Control</i> , 2009, 20, 709-715.	2.8	16
47	<i>Fusarium</i> and Fumonisin in Maize in South America. , 2009, , 179-200.		4
48	Effects of apple and pear varieties and pH on patulin accumulation by <i>Penicillium expansum</i> . <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 2738-2743.	1.7	33
49	Population genetic structure of <i>Gibberella zeae</i> isolated from wheat in Argentina. <i>Food Additives and Contaminants</i> , 2007, 24, 1115-1120.	2.0	58
50	Molecular characterization of <i>Aspergillus</i> section <i>Flavi</i> isolates collected from peanut fields in Argentina using AFLPs. <i>Journal of Applied Microbiology</i> , 2007, 103, 900-909.	1.4	29
51	Ochratoxin A and ochratoxigenic <i>Aspergillus</i> species in Argentinean wine grapes cultivated under organic and non-organic systems. <i>International Journal of Food Microbiology</i> , 2007, 114, 131-135.	2.1	69
52	Potential biocontrol agents for <i>Fusarium</i> head blight and deoxynivalenol production in wheat. <i>Crop Protection</i> , 2007, 26, 1702-1710.	1.0	114
53	Vegetative Compatibility and Mycotoxin Chemotypes among <i>Fusarium graminearum</i> ( <i>Gibberella zeae</i> ) Isolates from Wheat in Argentina. <i>European Journal of Plant Pathology</i> , 2006, 115, 139-148.	0.8	54
54	Temperature and water activity effects on growth and temporal deoxynivalenol production by two Argentinean strains of <i>Fusarium graminearum</i> on irradiated wheat grain. <i>International Journal of Food Microbiology</i> , 2006, 106, 291-296.	2.1	114

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55	Occurrence of ochratoxin A in wine and ochratoxigenic mycoflora in grapes and dried vine fruits in South America. <i>International Journal of Food Microbiology</i> , 2006, 111, S5-S9.	2.1	95
56	Biological Species in the <i>Gibberella fujikuroi</i> Species Complex Isolated from Maize Kernels in Argentina. <i>Plant Pathology Journal</i> , 2006, 5, 350-355.	0.7	6
57	<i>Aspergillus flavus</i> population isolated from soil of Argentina's peanut-growing region. Sclerotia production and toxigenic profile. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 2349-2353.	1.7	47
58	Fusaproliferin, beauvericin and fumonisin production by different mating populations among the <i>Gibberella fujikuroi</i> complex isolated from maize. <i>Mycological Research</i> , 2004, 108, 154-160.	2.5	38
59	Impact of environmental factors and fungicides on growth and deoxinivalenol production by <i>Fusarium graminearum</i> isolates from Argentinian wheat. <i>Crop Protection</i> , 2004, 23, 117-125.	1.0	93
60	Impact of Osmotic and Matric Water Stress on Germination, Growth, Mycelial Water Potentials and Endogenous Accumulation of Sugars and Sugar Alcohols in <i>Fusarium graminearum</i> . <i>Mycologia</i> , 2004, 96, 470.	0.8	38
61	Potential use of antioxidants for control of growth and fumonisin production by <i>Fusarium verticillioides</i> and <i>Fusarium proliferatum</i> on whole maize grain. <i>International Journal of Food Microbiology</i> , 2003, 83, 319-324.	2.1	50
62	<i>Aspergillus</i> species from section Flavi isolated from soil at planting and harvest time in peanut-growing regions of Argentina. <i>Journal of the Science of Food and Agriculture</i> , 2003, 83, 1303-1307.	1.7	39
63	Immunobiological Effects of Fumonisin B1 in Experimental Subchronic Mycotoxicoses in Rats. <i>Vaccine Journal</i> , 2002, 9, 149-155.	3.2	17
64	Efficacy of antioxidant mixtures on growth, fumonisin production and hydrolytic enzyme production by <i>Fusarium verticillioides</i> and <i>F. proliferatum</i> in vitro on maize-based media. <i>Mycological Research</i> , 2002, 106, 1093-1099.	2.5	38
65	In vitro and in vivo studies to assess the effectiveness of cholestyramine as a binding agent for fumonisins. <i>Mycopathologia</i> , 2001, 151, 147-153.	1.3	38
66	Genetic Variation in <i>Fusarium</i> Section <i>Liseola</i> from No-Till Maize in Argentina. <i>Applied and Environmental Microbiology</i> , 2000, 66, 5312-5315.	1.4	78
67	Fumonisin Production on Irradiated Corn Kernels: Effect of Inoculum Size. <i>Journal of Food Protection</i> , 1999, 62, 814-817.	0.8	16
68	Fumonisin production by, and mating populations of, <i>Fusarium</i> section <i>Liseola</i> isolates from maize in Argentina. <i>Mycological Research</i> , 1998, 102, 141-144.	2.5	30
69	<i>Fusarium</i> and Fumonisin Occurrence in Argentinian Corn at Different Ear Maturity Stages. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 2797-2801.	2.4	131
70	Natural occurrence of fumonisins and their correlation to <i>Fusarium</i> contamination in commercial corn hybrids growth in Argentina. <i>Mycopathologia</i> , 1996, 135, 29-34.	1.3	44