Miguel Machinski Jr

List of Publications by Year
in descending order

74 papers	1,579 citations	304368 22 h-index	329751 37 g-index
74 all docs	74 docs citations	74 times ranked	2028 citing authors

#	Article	IF	Citations
1	Antifungal activity and inhibition of fumonisin production by Rosmarinus officinalis L. essential oil in Fusarium verticillioides (Sacc.) Nirenberg. Food Chemistry, 2015, 166, 330-336.	4.2	132
2	Curcuma longa L. essential oil composition, antioxidant effect, and effect on Fusarium verticillioides and fumonisin production. Food Control, 2017, 73, 806-813.	2.8	110
3	Inhibitory effect of the essential oil of Curcuma longa L. and curcumin on aflatoxin production by Aspergillus flavus Link. Food Chemistry, 2013, 136, 789-793.	4.2	109
4	Effect of Zingiber officinale essential oil on Fusarium verticillioides and fumonisin production. Food Chemistry, 2013, 141, 3147-3152.	4.2	93
5	Antifungal properties and inhibitory effects upon aflatoxin production of Thymus vulgaris L. by Aspergillus flavus Link. Food Chemistry, 2015, 173, 1006-1010.	4.2	77
6	Bioactivity of oregano (Origanum vulgare) essential oil against Alicyclobacillus spp.. Industrial Crops and Products, 2019, 129, 345-349.	2.5	62
7	Antifungal and antiaflatoxigenic activity of rosemary essential oil (Rosmarinus officinalis L.) against Aspergillus flavus. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 153-161.	1.1	62
8	Antibacterial activity of papain and bromelain on Alicyclobacillus spp.. International Journal of Food Microbiology, 2016, 216, 121-126.	2.1	55
9	Daily intake estimates of fumonisins in corn-based food products in the population of Parana, Brazil. Food Control, 2012, 26, 614-618.	2.8	47
10	The Inhibitory Effects ofCurcuma longaL. Essential Oil and Curcumin onAspergillus flavusLink Growth and Morphology. Scientific World Journal, The, 2013, 2013, 1-6.	0.8	47
11	Aflatoxins, ochratoxin A and zearalenone in maize-based food products. Brazilian Journal of Microbiology, 2005, 36, 289-294.	0.8	38
12	Cooccurrence of Mycotoxins in Maize and Poultry Feeds from Brazil by Liquid Chromatography/Tandem Mass Spectrometry. Scientific World Journal, The, 2013, 2013, 1-9.	0.8	37
13	Effect of Zingiber officinale Roscoe essential oil in fungus control and deoxynivalenol production of Fusarium graminearum Schwabe in vitro. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 2168-2174.	1.1	37
14	Antibacterial and antibiofilm activity of carvacrol against Salmonella enterica serotype Typhimurium. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, .	1.2	35
15	Antifungal properties and inhibitory effects upon aflatoxin production by Zingiber officinale essential oil in Aspergillus flavus. International Journal of Food Science and Technology, 2016, 51, 286-292.	1.3	34
16	Effect of carvacrol and thymol on Salmonella spp. biofilms on polypropylene. International Journal of Food Science and Technology, 2015, 50, 2639-2643.	1.3	33
17	Fusarium species and fumonisins associated with maize kernels produced in Rio Grande do Sul State for the 2008/09 and 2009/10 growing seasons. Brazilian Journal of Microbiology, 2013, 44, 89-95.	0.8	29
18	Occurrence and estimative of aflatoxin M1 intake in UHT cow milk in ParanÃ¡ State, Brazil. Food Control, 2015, 53, 222-225.	2.8	27

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19	Occurrence and Antibiotic Resistance of Conform Bacteria and Antimicrobial Residues in Pasteurized Cowâ€™s Milk from Brazil. Journal of Food Protection, 2010, 73, 1684-1687.	0.8	26
20	Assessment of Cytotoxic Activity of Rosemary (Rosmarinus officinalisL.), Turmeric (Curcuma) Tj ETQq0 0 0 rgBT /Overlock 10 T Scientific World Journal, The, 2016, 2016, 1-8.	0.8	26
21	Cinnamaldehyde induces changes in the protein profile of Salmonella Typhimurium biofilm. Research in Microbiology, 2018, 169, 33-43.	1.0	26
22	Aflatoxins, ochratoxin A and zearalenone in Brazilian corn cultivars. Journal of the Science of Food and Agriculture, 2001, 81, 1001-1007.	1.7	23
23	Oxytetracycline, tetracycline, chlortetracycline and doxycycline in pasteurised cowâ€™s milk commercialised in Brazil. Food Additives and Contaminants: Part B Surveillance, 2015, 8, 81-84.	1.3	23
24	Occurrence of Antimicrobial Residues in Pasteurized Milk Commercialized in the State of ParanÃ¡, Brazil. Journal of Food Protection, 2009, 72, 911-914.	0.8	22
25	Occurrence of zearalenone in wheat- and corn-based products commercialized in the State of ParanÃ¡, Brazil. Brazilian Journal of Microbiology, 2013, 44, 371-375.	0.8	22
26	Effect of cinnamon essential oil and cinnamaldehyde on Salmonella Saintpaul biofilm on a stainless steel surface. Journal of General and Applied Microbiology, 2014, 60, 119-121.	0.4	22
27	Antifungal and antimycotoxigenic effects of Zingiber officinale, Cinnamomum zeylanicum and Cymbopogon martinii essential oils against Fusarium verticillioides. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 1531-1541.	1.1	20
28	Occurrence and risk assessment of population exposed to deoxynivalenol in foods derived from wheat flour in Brazil. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 546-554.	1.1	16
29	Evaluation of antimicrobial activity of green tea kombucha at two fermentation time points against Alicyclobacillus spp.. LWT - Food Science and Technology, 2020, 130, 109641.	2.5	16
30	Antifungal activity and inhibition of aflatoxins production by Zingiber officinale Roscoe essential oil against Aspergillus flavus in stored maize grains. Ciencia Rural, 2020, 50, .	0.3	16
31	Intake of aflatoxins through the consumption of peanut products in Brazil. Food Additives and Contaminants: Part B Surveillance, 2011, 4, 99-105.	1.3	15
32	Presynaptic M1, M2, and A1 receptors play roles in tetanic fade induced by pancuronium or cisatracurium. Journal of Anesthesia, 2009, 23, 513-9.	0.7	14
33	Occurrence, exposure evaluation and risk assessment in child population for aflatoxin M1 in dairy products in Brazil. Food and Chemical Toxicology, 2021, 148, 111913.	1.8	14
34	Inhibition of Salmonella enterica serovar Typhimurium by combined carvacrol and potassium sorbate in vitro and in tomato paste. LWT - Food Science and Technology, 2019, 100, 92-98.	2.5	12
35	Litsea cubeba essential oil: chemical profile, antioxidant activity, cytotoxicity, effect against Fusarium verticillioides and fumonisins production. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 387-395.	0.7	11
36	Application of hazard analysis critical control points system for the control of aflatoxins in the Brazilian groundnut-based food industry. International Journal of Food Science and Technology, 2011, 46, 2611-2618.	1.3	10

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37	Maize (Zea Mays L) landraces from the southern region of Brazil: contamination by Fusarium sp, zearalenone, physical and mechanical characteristics of the kernels. Brazilian Archives of Biology and Technology, 2009, 52, 11-16.	0.5	10
38	Estimates of maximum limits of food colours use in Brazil through the Danish Budget method and the Bar and WÃ¼rtzenâ€modified method. Food Additives and Contaminants, 1998, 15, 481-486.	2.0	9
39	Biofilmâ€forming ability of Alicyclobacillus spp. isolates from orange juice concentrate processing plant. Journal of Food Safety, 2018, 38, e12466.	1.1	9
40	Occurrence of zearalenone in corn meal commercialized in south region of Brazil and daily intake estimates in the Brazilian population. Journal of Food Safety, 2019, 39, e12672.	1.1	9
41	Levantamento dos principais fÃ¡rmacos utilizados no rebanho leiteiro do Estado do ParanÃ¡. Acta Scientiarum - Animal Sciences, 2005, 27, 145.	0.3	8
42	IncidÃªncia fÃºngica e contaminaÃ§Ãµes por micotoxinas em grÃ£os de hÃbridos comerciais de milho em funÃ§Ã£o da umidade de colheita. Acta Scientiarum - Agronomy, 2009, 31, .	0.6	8
43	Aflatoxin M1 in the urine of non-carriers and chronic carriers of hepatitis B virus in Maringa, Brazil. Brazilian Journal of Pharmaceutical Sciences, 2012, 48, 447-452.	1.2	8
44	Identification of Aspergillus flavus Isolates as Potential Biocontrol Agents of Aflatoxin Contamination in Crops. Journal of Food Protection, 2013, 76, 1051-1055.	0.8	8
45	Biomarcadores para avaliaÃ§Ã£o da exposiÃ§Ã£o humana Ãs micotoxinas. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2007, 43, .	0.3	7
46	DetecÃ§Ã£o de resÃduos de antibiÃ³ticos em amostras de leite pasteurizado do Estado do ParanÃ¡, Brasil. Semina:Ciencias Agrarias, 2012, 33, 791-796.	0.1	7
47	Evaluation of the mycoflora and aflatoxins from the pre-harvest to storage of peanuts: a case study doi: 10.4025/actasciagron.v36i1.16972. Acta Scientiarum - Agronomy, 2014, 36, 27.	0.6	7
48	Mycotoxigenic potential of Alternaria alternata isolated from dragon fruit (Hylocereus undatus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	2.9	7
49	Control of the growth of Alicyclobacillus acidoterrestris in industrialized orange juice using rosemary essential oil and nisin. Letters in Applied Microbiology, 2021, 72, 41-52.	1.0	7
50	Efeito dos extratos aquoso e oleoso de Nim [Azadirachta indica A. Juss (Meliaceae)] na produÃ§Ã£o de patulina em maÃ§Ã£s contaminadas por Penicillium expansum. Ciencia Rural, 2007, 37, 1518-1523.	0.3	7
51	Use of nanoencapsulated curcumin against vegetative cells and spores of Alicyclobacillus spp. in industrialized orange juice. International Journal of Food Microbiology, 2021, 360, 109442.	2.1	7
52	Anti-mycotoxigenic and antifungal activity of ginger, turmeric, thyme and rosemary essential oils in deoxynivalenol (DON) and zearalenone (ZEA) producing Fusarium graminearum. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2022, 39, 362-372.	1.1	7
53	OcorrÃªncia de aflatoxina M1 em leite bovino comercializado no estado do ParanÃ¡, Brasil. Semina:Ciencias Agrarias, 2014, 35, 371.	0.1	6
54	Use of the polymerase chain reaction for detection of Fusarium graminearum in bulgur wheat. Food Science and Technology, 2012, 32, 201-208.	0.8	5

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55	Intralaboratory optimization and validation of a method for patulin determination in grapes by Thin-Layer Chromatography. Brazilian Journal of Microbiology, 2007, 38, 304-308.	0.8	5
56	Design of Nanostructured Lipid Carriers Containing Cymbopogon martinii (Palmarosa) Essential Oil against Aspergillus nomius. Molecules, 2021, 26, 4825.	1.7	4
57	Action of carvacrol in Salmonella Typhimurium biofilm: A proteomic study. Journal of Applied Biomedicine, 2020, 18, 106-114.	0.6	4
58	Risk evaluation of occupational exposure of southern Brazilian flower farmers to pesticides potentially leading to cholinesterase inhibition and metals exposure. Environmental Toxicology and Pharmacology, 2022, 93, 103874.	2.0	4
59	Perfis antropomÃ©trico, lipÃdico e glicÃªmico em adolescentes de uma instituiÃ§Ã£o filantrÃ³pica no noroeste do ParanÃ¡. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2010, 46, 07-15.	0.3	3
60	Occurrence and exposure assessment to aflatoxins in peanuts commercialized in the northwest of Parana, Brazil. Ciencia Rural, 2018, 48, .	0.3	3
61	Fumonisin-containing diets decrease the metabolic activity of myenteric neurons in rats. Nutritional Neuroscience, 2020, , 1-10.	1.5	3
62	Antifungal and antiaflatoxigenic activities of thymol and carvacrol against Aspergillus flavus. SaÃºde E Pesquisa, 2021, 14, e7727.	0.0	3
63	Elemental plasma content and urinary excretion in vineyard farmers occupationally exposed to pesticides in southern Brazil. Environmental Science and Pollution Research, 2021, 28, 51841-51853.	2.7	3
64	Aspectos toxicolÃ³gicos e ocorrÃªncia de patulina em suco de maÃ§Ã£. Semina:Ciencias Agrarias, 2005, 26, 535.	0.1	2
65	N-acetil-Î²-D-glicosaminidase como biomarcador precoce de disfunÃ§Ã£o renal para a exposiÃ§Ã£o ocupacional ao chumbo inorgÃ¢nico. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2008, 44, 241-247.	0.3	2
66	In-house validation for multi-residue analysis of tetracycline in cow milk by HPLC with UV detection. Semina:Ciencias Agrarias, 2017, 38, 3539.	0.1	2
67	Metals in Brazilian family farming grapes and estimated daily intake. Food Additives and Contaminants: Part B Surveillance, 2021, 14, 236-243.	1.3	2
68	Molecular Modeling and Anticholinesterasic Activity of Novel 2-ArylaminocyclohexylN,N-Dimethylcarbamates. Journal of the Brazilian Chemical Society, 2013, , .	0.6	1
69	Antibacterial activity of crude extract of Tabernaemontana catharinensis latex (A. DC) against Alicyclobacillus spp.. Research, Society and Development, 2021, 10, e16310917907.	0.0	1
70	OcorrÃªncia de patulina em uva fina (Vitis vinifera L. cv. "Rubi") com sinais de podridÃ£o Ã¡cida. Ciencia Rural, 2008, 38, 14-18.	0.3	1
71	Analytical and toxicological aspects of dithiocarbamates: an overview of the last 10 years. Toxicology Mechanisms and Methods, 2022, 32, 637-649.	1.3	1
72	Antimicrobial photodynamic activity by water-soluble curcumin against foodborne pathogens. Research, Society and Development, 2022, 11, e35711830870.	0.0	1

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73	Quantitative analysis of Î”9-THC-COOH in Human Urine by the Liquid-Liquid Extraction technique and Gas Chromatography-Mass Spectrometry: Adaptation, Optimization and Validation. Brazilian Journal of Analytical Chemistry, 2021, 8, .	0.3	0
74	Contribution of environmental factors in the formation of biofilms by Alicyclobacillus acidoterrestris on surfaces of the orange juice industry. Ciencia Rural, 2020, 50, .	0.3	0