

Benício Alves Abreu-Filho

List of Publications by Year in descending order

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66
papers

1,588
citations

361413

20
h-index

315739

38
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67
all docs

67
docs citations

67
times ranked

2194
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Moringa oleifera</i> seed oil extracted by pressurized <i>n</i>-propane and its effect against <i>Staphylococcus aureus</i> biofilms. Environmental Technology (United Kingdom), 2023, 44, 1083-1098.	2.2	5
2	Chemical characterization and bioactivities of fructans from Pfaffia glomerata roots. Bioactive Carbohydrates and Dietary Fibre, 2022, 27, 100303.	2.7	1
3	Antimicrobial photodynamic activity by water-soluble curcumin against foodborne pathogens. Research, Society and Development, 2022, 11, e35711830870.	0.1	1
4	Functionalized magnetite nanoparticles with <i>Moringa oleifera</i> with potent antibacterial action in wastewater. Environmental Technology (United Kingdom), 2021, 42, 4296-4305.	2.2	13
5	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.	2.2	7
6	Metabolic extract of the endophytic fungus Flavodon flavus isolated from Justicia brandegeana in the control of Alicyclobacillus acidoterrestris in commercial orange juice. International Journal of Food Microbiology, 2021, 338, 109019.	4.7	2
7	Occurrence, exposure evaluation and risk assessment in child population for aflatoxin M1 in dairy products in Brazil. Food and Chemical Toxicology, 2021, 148, 111913.	3.6	14
8	<i>Litsea cubeba</i> essential oil: chemical profile, antioxidant activity, cytotoxicity, effect against <i>Fusarium verticillioides</i> and fumonisins production. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 387-395.	1.5	11
9	Dragon fruit (Hylocereus undatus Haw.) jam: Use full, development and characterization. Research, Society and Development, 2021, 10, e6510716255.	0.1	2
10	MÃ©todo alternativo e sustentÃ¡vel para a realizaÃ§Ã£o de coloraÃ§Ã£o bacteriana de Gram e Wirtz-Conklin: RelevÃ¢ncia ambiental e econÃ´mica no ensino prÃ¡tico da microbiologia. Research, Society and Development, 2021, 10, e9510917585.	0.1	0
11	Antibacterial activity of crude extract of Tabernaemontana catharinensis latex (A. DC) against Alicyclobacillus spp.. Research, Society and Development, 2021, 10, e16310917907.	0.1	1
12	Communities of endophytic bacteria from Cereus peruvianus Mill. (Cactaceae) plants obtained from seeds and from in vitro-regenerated somaclone. South African Journal of Botany, 2021, 142, 335-343.	2.5	0
13	Use of nanoencapsulated curcumin against vegetative cells and spores of Alicyclobacillus spp. in industrialized orange juice. International Journal of Food Microbiology, 2021, 360, 109442.	4.7	7
14	Antifungal and antiaflatoxigenic activity of rosemary essential oil (<i>Rosmarinus officinalis</i> L.) against <i>Aspergillus flavus</i>. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 153-161.	2.3	62
15	Baccharis dracunculifolia: Chemical constituents, cytotoxicity and antimicrobial activity. LWT - Food Science and Technology, 2020, 120, 108920.	5.2	15
16	Antifungal and antimycotoxigenic effects of <i>Zingiber officinale</i>, Cinnamomum zeylanicum</i> and <i>Cymbopogon martinii</i> essential oils against <i>Fusarium verticillioides</i>. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 1531-1541.	2.3	20
17	Effect of ultraviolet treatment (UVâ€C) combined with nisin on industrialized orange juice in Alicyclobacillus acidoterrestris spores. LWT - Food Science and Technology, 2020, 133, 109911.	5.2	12
18	Effects of fructans and probiotics on the inhibition of Klebsiella oxytoca and the production of short-chain fatty acids assessed by NMR spectroscopy. Carbohydrate Polymers, 2020, 248, 116832.	10.2	17

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19	Natural Extract of Moringa oleifera Leaves Promoting Control of Staphylococcus aureus strains biofilm on PVC surface. Food and Bioprocess Technology, 2020, 13, 1817-1832.	4.7	11
20	Evaluation of antimicrobial activity of green tea kombucha at two fermentation time points against Alicyclobacillus spp.. LWT - Food Science and Technology, 2020, 130, 109641.	5.2	16
21	Application of Moringa oleifera Lam. fractionated proteins for inactivation of Escherichia coli from water. Water Science and Technology, 2020, 81, 265-273.	2.5	9
22	Secondary metabolites of Curvularia sp. G6-32, an endophyte of Sapindus saponaria, with antioxidant and anticholinesterasic properties. Natural Product Research, 2020, 35, 1-6.	1.8	10
23	Crescimento e esporulação de Alicyclobacillus Acidoterrestres em meio de cultura e em suco de laranja industrializado. Brazilian Journal of Development, 2020, 6, 6127-6139.	0.1	0
24	Contribution of environmental factors in the formation of biofilms by Alicyclobacillus acidoterrestres on surfaces of the orange juice industry. Ciencia Rural, 2020, 50, .	0.5	0
25	Action of carvacrol in Salmonella Typhimurium biofilm: A proteomic study. Journal of Applied Biomedicine, 2020, 18, 106-114.	1.7	4
26	Atividade antimicrobiana de kefir fermentado com subproduto de uva contra Alicyclobacillus acidoterrestres. Brazilian Journal of Development, 2020, 6, 9900-9911.	0.1	1
27	Activity of Piperaceae extracts and fractions in the control of Phytomonas serpens. Ciencia Rural, 2020, 50, .	0.5	0
28	Sobrevivência de larvas de Zebrafish (Danio rerio) expostas ao extrato hidroalcoólico de Baccharis dracunculifolia. Research, Society and Development, 2020, 9, e634997853.	0.1	0
29	Activated carbon impregnation with ag and cu composed nanoparticles for escherichia coli contaminated water treatment. Canadian Journal of Chemical Engineering, 2019, 97, 2408-2418.	1.7	8
30	Effect of ultraviolet (UV-C) radiation on spores and biofilms of Alicyclobacillus spp. in industrialized orange juice. International Journal of Food Microbiology, 2019, 305, 108238.	4.7	34
31	Bioactivity of oregano (Origanum vulgare) essential oil against Alicyclobacillus spp.. Industrial Crops and Products, 2019, 129, 345-349.	5.2	62
32	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.	5.2	12
33	Inhibition and removal of staphylococcal biofilms using Moringa oleifera Lam. aqueous and saline extracts. Journal of Environmental Chemical Engineering, 2018, 6, 2011-2016.	6.7	14
34	Piperaceae extracts for controlling Alicyclobacillus acidoterrestres growth in commercial orange juice. Industrial Crops and Products, 2018, 116, 224-230.	5.2	23
35	Biofilm-forming ability of <i>Alicyclobacillus</i> spp. isolates from orange juice concentrate processing plant. Journal of Food Safety, 2018, 38, e12466.	2.3	9
36	Capacity of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> to produce biofilm on stainless steel surfaces in the presence of food residues. Journal of Food Processing and Preservation, 2018, 42, e13574.	2.0	16

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37	Mycotoxigenic potential of <i>Alternaria alternata</i> isolated from dragon fruit (<i>Hylocereus undatus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 542 T	6.0	9
38	Preservation of the antibacterial activity of enzymes against <i>Alicyclobacillus</i> spp. through microencapsulation. <i>LWT - Food Science and Technology</i> , 2018, 88, 18-25.	5.2	11
39	Cinnamaldehyde induces changes in the protein profile of <i>Salmonella Typhimurium</i> biofilm. <i>Research in Microbiology</i> , 2018, 169, 33-43.	2.1	26
40	Bacteria isolated from the bovine gelatin production line: biofilm formation and use of different sanitation procedures to eliminate the biofilms. <i>Journal of Food Safety</i> , 2018, 38, e12489.	2.3	3
41	Antibacterial and antibiofilm activity of carvacrol against <i>Salmonella enterica</i> serotype Typhimurium. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	35
42	Bioactivity of essential oils in the control of <i>Alternaria alternata</i> in dragon fruit (<i>Hylocereus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	5.2	53
43	Photodynamic inactivation of foodborne and food spoilage bacteria by curcumin. <i>LWT - Food Science and Technology</i> , 2017, 76, 198-202.	5.2	104
44	<i>Curcuma longa</i> L. essential oil composition, antioxidant effect, and effect on <i>Fusarium verticillioides</i> and fumonisin production. <i>Food Control</i> , 2017, 73, 806-813.	5.5	110
45	AVALIAÇÃO DA QUALIDADE DA ÁGUA DESTINADA AO CONSUMO HUMANO EM INSTITUIÇÃO DE ENSINO. <i>Revista Da Universidade Vale Do Rio Verde</i> , 2017, 15, 289-298.	0.1	5
46	Effect of Edible and Active Coating (with Rosemary and Oregano Essential Oils) on Beef Characteristics and Consumer Acceptability. <i>PLoS ONE</i> , 2016, 11, e0160535.	2.5	136
47	Application of edible coating with starch and carvacrol in minimally processed pumpkin. <i>Journal of Food Science and Technology</i> , 2016, 53, 1975-1983.	2.8	18
48	Biotherapies of rabbit serum modulate the immune response and decrease parasite load in mice infected with <i>Trypanosoma cruzi</i> . <i>Journal of Applied Biomedicine</i> , 2016, 14, 187-197.	1.7	8
49	Antibacterial activity of papain and bromelain on <i>Alicyclobacillus</i> spp.. <i>International Journal of Food Microbiology</i> , 2016, 216, 121-126.	4.7	55
50	Microbiological, functional and rheological properties of low fat yogurt supplemented with <i>Pleurotus ostreatus</i> aqueous extract. <i>LWT - Food Science and Technology</i> , 2015, 64, 1028-1035.	5.2	111
51	Practice of hand hygiene in a university dining facility. <i>Food Control</i> , 2015, 57, 35-40.	5.5	10
52	Photodynamic Inactivation Mediated by Erythrosine and its Derivatives on Foodborne Pathogens and Spoilage Bacteria. <i>Current Microbiology</i> , 2015, 71, 243-251.	2.2	38
53	Antifungal activity and inhibition of fumonisin production by <i>Rosmarinus officinalis</i> L. essential oil in <i>Fusarium verticillioides</i> (Sacc.) Nirenberg. <i>Food Chemistry</i> , 2015, 166, 330-336.	8.2	132
54	The use of bottle caps as submerged aerated filter medium. <i>Water Science and Technology</i> , 2014, 69, 1518-1525.	2.5	0

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55	Effect of <i>Zingiber officinale</i> essential oil on <i>Fusarium verticillioides</i> and fumonisin production. <i>Food Chemistry</i> , 2013, 141, 3147-3152.	8.2	93
56	Resistance of <i>Alicyclobacillus acidoterrestris</i> Spores and Biofilm to Industrial Sanitizers. <i>Journal of Food Protection</i> , 2013, 76, 1408-1413.	1.7	17
57	Evaluation of the Antibacterial Activity of <i>Piperaceae</i> Extracts and Nisin on <i>Alicyclobacillus Acidoterrestris</i> . <i>Journal of Food Science</i> , 2013, 78, M1772-7.	3.1	15
58	Highly diluted medication reduces parasitemia and improves experimental infection evolution by <i>Trypanosoma cruzi</i> . <i>BMC Research Notes</i> , 2012, 5, 352.	1.4	20
59	Virulence and antibiotic susceptibility of <i>Aeromonas</i> spp. isolated from drinking water. <i>Antonie Van Leeuwenhoek</i> , 2008, 93, 111-122.	1.7	66
60	Relationship between cyclohexyl-alkanoic acids and the acidothermophilic bacterium <i>Alicyclobacillus</i> spp.: Evidence from Brazilian oils. <i>Organic Geochemistry</i> , 2005, 36, 1443-1453.	1.8	11
61	In vitro antibacterial activity of a 7-O-beta-D-glucopyranosyl-nutanocoumarin from <i>Chaptalia nutans</i> (Asteraceae). <i>Memorias Do Instituto Oswaldo Cruz</i> , 2003, 98, 283-286.	1.6	20
62	Antibacterial Activity of a Biphenyl and Xanthenes from <i>Kielmeyera coriacea</i> . <i>Pharmaceutical Biology</i> , 2002, 40, 485-489.	2.9	25
63	Evaluation of antigens from various <i>Leishmania</i> species in a Western blot for diagnosis of American tegumentary leishmaniasis.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 66, 91-102.	1.4	28
64	Surface component characterization as taxonomic tools for <i>Phytomonas</i> spp identification. <i>Parasitology Research</i> , 2001, 87, 138-144.	1.6	5
65	Fatty Acid and Sterol Composition of Three <i>Phytomonas</i> Species. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1999, 94, 519-525.	1.6	6
66	Biosynthesis of industrial enzymes by free and immobilized <i>Alicyclobacillus</i> in different matrices and the use of ultrafiltration in the enzymes concentration. <i>Quimica Nova</i> , 0, , .	0.3	0