

Francine F Padilha

List of Publications by Year in descending order

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55
papers

1,625
citations

279487

23
h-index

301761

39
g-index

56
all docs

56
docs citations

56
times ranked

2359
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characterization, antioxidant and cytotoxic activities of Brazilian red propolis. <i>Food and Chemical Toxicology</i> , 2013, 52, 137-142.	1.8	167
2	Chemical Composition and Biological Activity of Extracts Obtained by Supercritical Extraction and Ethanol Extraction of Brown, Green and Red Propolis Derived from Different Geographic Regions in Brazil. <i>PLoS ONE</i> , 2016, 11, e0145954.	1.1	141
3	Antioxidant, antimicrobial, antiparasitic, and cytotoxic properties of various Brazilian propolis extracts. <i>PLoS ONE</i> , 2017, 12, e0172585.	1.1	133
4	Production and characterization of xanthan gum by <i>Xanthomonas campestris</i> using cheese whey as sole carbon source. <i>Journal of Food Engineering</i> , 2009, 90, 119-123.	2.7	100
5	Supercritical Fluid Extraction Using CO ₂ : Main Applications and Future Perspectives. <i>Separation Science and Technology</i> , 2013, 48, 2741-2760.	1.3	96
6	Xanthan gum production and rheological behavior using different strains of <i>Xanthomonas</i> sp.. <i>Carbohydrate Polymers</i> , 2009, 77, 65-71.	5.1	67
7	Determination of Parameters for the Supercritical Extraction of Antioxidant Compounds from Green Propolis Using Carbon Dioxide and Ethanol as Co-Solvent. <i>PLoS ONE</i> , 2015, 10, e0134489.	1.1	56
8	Brazilian Red Propolis Induces Apoptosis-Like Cell Death and Decreases Migration Potential in Bladder Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-13.	0.5	52
9	Evaluation of the antioxidant profile and cytotoxic activity of red propolis extracts from different regions of northeastern Brazil obtained by conventional and ultrasound-assisted extraction. <i>PLoS ONE</i> , 2019, 14, e0219063.	1.1	49
10	Dendrimer-conjugated peptide vaccine enhances clearance of <i>Chlamydia trachomatis</i> genital infection. <i>International Journal of Pharmaceutics</i> , 2017, 527, 79-91.	2.6	46
11	Chemical composition, immunostimulatory, cytotoxic and antiparasitic activities of the essential oil from Brazilian red propolis. <i>PLoS ONE</i> , 2018, 13, e0191797.	1.1	40
12	Antitumor activity of Brazilian red propolis fractions against Hep-2 cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 951-963.	2.5	38
13	Xanthan gum produced by <i>Xanthomonas campestris</i> from cheese whey: production optimisation and rheological characterisation. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 2440-2445.	1.7	37
14	Brazilian Red Propolis: Extracts Production, Physicochemical Characterization, and Cytotoxicity Profile for Antitumor Activity. <i>Biomolecules</i> , 2020, 10, 726.	1.8	37
15	Immune-Informatic Analysis and Design of Peptide Vaccine From Multi-epitopes Against <i>Corynebacterium pseudotuberculosis</i> . <i>Bioinformatics and Biology Insights</i> , 2018, 12, 117793221875533.	1.0	36
16	Effect of the Maillard reaction on properties of casein and casein films. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 104, 249-254.	2.0	33
17	A Study of the Effects of Aeration and Agitation on the Properties and Production of Xanthan Gum from Crude Glycerin Derived from Biodiesel Using the Response Surface Methodology. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 2769-2785.	1.4	32
18	Red Propolis and Its Dyslipidemic Regulator Formononetin: Evaluation of Antioxidant Activity and Gastroprotective Effects in Rat Model of Gastric Ulcer. <i>Nutrients</i> , 2020, 12, 2951.	1.7	30

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19	Recombinant CP40 from <i>Corynebacterium pseudotuberculosis</i> confers protection in mice after challenge with a virulent strain. <i>Vaccine</i> , 2016, 34, 1091-1096.	1.7	28
20	Hydroalcoholic extract of red propolis promotes functional recovery and axon repair after sciatic nerve injury in rats. <i>Pharmaceutical Biology</i> , 2016, 54, 993-1004.	1.3	28
21	Encapsulation of Red Propolis in Polymer Nanoparticles for the Destruction of Pathogenic Biofilms. <i>AAPS PharmSciTech</i> , 2020, 21, 49.	1.5	28
22	Effect of green propolis on oral epithelial dysplasia in rats. <i>Brazilian Journal of Otorhinolaryngology</i> , 2011, 77, 278-284.	0.4	26
23	<i>Corynebacterium pseudotuberculosis</i> cp09 mutant and cp40 recombinant protein partially protect mice against caseous lymphadenitis. <i>BMC Veterinary Research</i> , 2014, 10, 965.	0.7	25
24	Inhibition of DMBA-induced Oral Squamous Cells Carcinoma Growth by Brazilian Red Propolis in Rodent Model. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 117, 85-95.	1.2	25
25	Caracterização e avaliação das propriedades antioxidantes de filmes biodegradáveis incorporados com polpas de frutas tropicais. <i>Ciencia Rural</i> , 2015, 45, 142-148.	0.3	24
26	Separation of antibacterial biocompounds from <i>Hancornia speciosa</i> leaves by a sequential process of pressurized liquid extraction. <i>Separation and Purification Technology</i> , 2019, 222, 390-395.	3.9	23
27	Extração, secagem por atomização e microencapsulamento de antocianinas do bagaço da uva "Isabel" (<i>Vitis labrusca</i>). <i>Ciencia E Agrotecnologia</i> , 2008, 32, 1568-1574.	1.5	22
28	Silver Nanocomposite Biosynthesis: Antibacterial Activity against Multidrug-Resistant Strains of <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> . <i>Molecules</i> , 2016, 21, 1255.	1.7	20
29	The interaction of dendrimer-doxorubicin conjugates with a model pulmonary epithelium and their cosolvent-free, pseudo-solution formulations in pressurized metered-dose inhalers. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 86-95.	1.9	20
30	Chemical markers and antifungal activity of red propolis from Sergipe, Brazil. <i>Food Science and Technology</i> , 2015, 35, 291-298.	0.8	19
31	Development and characterization of PLGA nanoparticles containing antibiotics. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	19
32	Proteomic analysis identifies differentially expressed proteins after red propolis treatment in Hep-2 cells. <i>Food and Chemical Toxicology</i> , 2014, 63, 195-204.	1.8	15
33	Biopolymer Synthesized by Strains of <i>Xanthomonas</i> sp Isolate from Brazil Using Biodiesel Waste. <i>Macromolecular Symposia</i> , 2010, 296, 347-353.	0.4	14
34	Antiproliferative Activity of Neem Leaf Extracts Obtained by a Sequential Pressurized Liquid Extraction. <i>Pharmaceuticals</i> , 2018, 11, 76.	1.7	13
35	Effect of green propolis on oral epithelial dysplasia in rats. <i>Brazilian Journal of Otorhinolaryngology</i> , 2011, 77, 278-84.	0.4	12
36	Microorganisms screening for limonene oxidation. <i>Food Science and Technology</i> , 2010, 30, 399-405.	0.8	11

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37	Modeling and simulation of breakthrough curves during purification of two chitosanases from <i>Metarhizium anisopliae</i> using ion-exchange with expanded bed adsorption chromatography. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 684-691.	1.2	11
38	Microorganism Screening for Limonene Bioconversion and Correlation With RAPD Markers. <i>Applied Biochemistry and Biotechnology</i> , 2006, 132, 1023-1033.	1.4	9
39	Effect of red propolis extract isolated or encapsulated in nanoparticles on the in vitro culture of sheep preantral follicle: Impacts on antrum formation, mitochondrial activity and glutathione levels. <i>Reproduction in Domestic Animals</i> , 2019, 54, 31-38.	0.6	9
40	The combination of Brazilian red propolis and recombinant protein rCP01850 in the immunoprophylaxis of <i>Corynebacterium pseudotuberculosis</i> infection in mice. <i>Microbial Pathogenesis</i> , 2020, 149, 104354.	1.3	7
41	Enhancing purification of chitosanase from <i>Metarhizium anisopliae</i> by expanded bed adsorption chromatography using Doehlert design. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 727-736.	1.5	6
42	Peptide vaccines designed with the aid of immunoinformatic against Caseous Lymphadenitis promotes humoral and cellular response induction in mice. <i>PLoS ONE</i> , 2021, 16, e0256864.	1.1	6
43	Thermal characterization of mangaba-based films. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 2097-2102.	2.0	3
44	Influência da natureza do rejeito agroindustrial fermentado por <i>Xanthomonas axonopodis</i> pv. <i>manihotis</i> nas propriedades das gomas xantana resultantes. <i>Polimeros</i> , 2014, 24, 176-183.	0.2	3
45	Production and Rheological Characterization of Biopolymer of <i>Sphingomonas capsulata</i> ATCC 14666 Using Conventional and Industrial Media. <i>Applied Biochemistry and Biotechnology</i> , 2006, 132, 942-950.	1.4	2
46	Evaluation of production of xanthan gum utilizing the corn cob liquor as a carbon source in different strains of <i>Xanthomonas campestris</i> . <i>BMC Proceedings</i> , 2014, 8, .	1.8	2
47	Levantamento dos estudos realizados com a própolis produzida no estado da Bahia. <i>Sitientibus, Série Ciências Biológicas</i> , 0, 13, .	0.2	2
48	Effect of Bee Pollen on the Mechanical and Thermal Properties of Starch Films. <i>Macromolecular Symposia</i> , 2010, 296, 609-616.	0.4	1
49	Bioassay-guided evaluation of wound healing effect of fatty acids-incorporated collagen-based films. <i>Acta Cirurgica Brasileira</i> , 2013, 28, 346-352.	0.3	1
50	Petroleum hydrocarbon degradation by isolated mangrove bacteria. <i>Revista Peruana De Biología</i> , 2018, 25, 441.	0.1	1
51	Response with TH1 profile obtained in vaccine formulation against Caseous Lymphadenitis in animal model C57 Black/6. <i>Biotechnology Research and Innovation</i> , 2019, 3, 192-196.	0.3	0
52	In Silico Screening of Putative <i>Corynebacterium pseudotuberculosis</i> Antigens and Serological Diagnosis for Caseous Lymphadenitis in Sheep by Enzyme-Linked Immunosorbent Assay. <i>Veterinary Medicine International</i> , 2021, 2021, 1-14.	0.6	0
53	Prospecção científica e tecnológica da <i>Tabebuia roseoalba</i> (Ipê-branco). <i>Research, Society and Development</i> , 2021, 10, e167101119266.	0.0	0
54	Análise prospectiva científica e tecnológica sobre <i>Myracrodruon urundeuva</i> (aroeira do sertão) e a resistência bacteriana. <i>Research, Society and Development</i> , 2021, 10, e138101119505.	0.0	0

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55	Prospecção científica e tecnológica de potenciais imunoterapias incluindo vacinas anticancer com enfoque em osteossarcoma. Research, Society and Development, 2021, 10, e132101723015.	0.0	0