

# Bruna Aparecida Souza MacHado

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61

papers

897

citations

15

h-index

28

g-index

73

ext. papers

1,292

ext. citations

3

avg, IF

4.36

L-index

#	Paper	IF	Citations
61	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> , <b>2016</b> , 11, e0145954	3.7	91
60	Antioxidant, antimicrobial, antiparasitic, and cytotoxic properties of various Brazilian propolis extracts. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172585	3.7	80
59	Supercritical Fluid Extraction Using CO <sub>2</sub> : Main Applications and Future Perspectives. <i>Separation Science and Technology</i> , <b>2013</b> , 48, 2741-2760	2.5	79
58	Chemical characterization and biological activity of six different extracts of propolis through conventional methods and supercritical extraction. <i>PLoS ONE</i> , <b>2018</b> , 13, e0207676	3.7	65
57	Propolis: types, composition, biological activities, and veterinary product patent prospecting. <i>Journal of the Science of Food and Agriculture</i> , <b>2020</b> , 100, 1369-1382	4.3	48
56	Bi-functional biobased packing of the cassava starch, glycerol, licuri nanocellulose and red propolis. <i>PLoS ONE</i> , <b>2014</b> , 9, e112554	3.7	43
55	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> , <b>2015</b> , 10, e0134489	3.7	37
54	Application of convolutional neural networks for classification of adult mosquitoes in the field. <i>PLoS ONE</i> , <b>2019</b> , 14, e0210829	3.7	32
53	Passion fruit peel flour Technological properties and application in food products. <i>Food Hydrocolloids</i> , <b>2017</b> , 62, 158-164	10.6	31
52	Physicochemical Characterization and Oxidative Stability of Microencapsulated Crude Palm Oil by Spray Drying. <i>Food and Bioprocess Technology</i> , <b>2016</b> , 9, 124-136	5.1	30
51	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> , <b>2019</b> , 14, e0219063	3.7	27
50	Desenvolvimento e avaliação da eficácia de filmes biodegradáveis de amido de mandioca com nanocelulose como reforço e com extrato de erva-mate como aditivo antioxidante. <i>Ciencia Rural</i> , <b>2012</b> , 42, 2085-2091	1.3	27
49	Effect of Source and Interaction with Nanocellulose Cassava Starch, Glycerol and the Properties of Films Bionanocomposites. <i>Materials Today: Proceedings</i> , <b>2015</b> , 2, 200-207	1.4	24
48	Physicochemical and sensory profile of Beauregard sweet potato beer. <i>Food Chemistry</i> , <b>2020</b> , 312, 126087-126095	8.5	23
47	The Main Molecular and Serological Methods for Diagnosing COVID-19: An Overview Based on the Literature. <i>Viruses</i> , <b>2020</b> , 13,	6.2	19
46	Effect of Cellulose Nanocrystals from Different Lignocellulosic Residues to Chitosan/Glycerol Films. <i>Polymers</i> , <b>2019</b> , 11,	4.5	15
45	Optimization of convolutional neural network hyperparameters for automatic classification of adult mosquitoes. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234959	3.7	15

44	Production of biodegradable starch nanocomposites using cellulose nanocrystals extracted from coconut fibers. <i>Polimeros</i> , <b>2017</b> , 27, 320-329	1.6	14
43	Development and application starch films: PBAT with additives for evaluating the shelf life of Tommy Atkins mango in the fresh-cut state. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 48150	2.9	12
42	Caracterizaç� e avaliaç� das propriedades antioxidantes de filmes biodegrad�veis incorporados com polpas de frutas tropicais. <i>Ciencia Rural</i> , <b>2015</b> , 45, 142-148	1.3	12
41	Incorporaç� de urucum como aditivo antioxidante em embalagens biodegrad�veis a base de quitosana. <i>Ciencia Rural</i> , <b>2013</b> , 43, 544-550	1.3	12
40	Effect of Experimental Parameters on the Extraction of Grape Seed Oil Obtained by Low Pressure and Supercritical Fluid Extraction. <i>Molecules</i> , <b>2020</b> , 25,	4.8	12
39	Grape peel (Syrah var.) jam as a polyphenol-enriched functional food ingredient. <i>Food Science and Nutrition</i> , <b>2019</b> , 7, 1584-1594	3.2	10
38	Antiviral effects of Brazilian green and red propolis extracts on Enterovirus surrogates. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 28510-28517	5.1	10
37	Brazilian Green Propolis as a Therapeutic Agent for the Post-surgical Treatment of Caseous Lymphadenitis in Sheep. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 399	3.1	10
36	Evaluation of Different Methods for Cultivating for Bacterial Cellulose and Montmorillonite Biocomposite Production: Wound-Dressing Applications. <i>Polymers</i> , <b>2020</b> , 12,	4.5	7
35	Technological Advances in Ozone and Ozonized Water Spray Disinfection Devices. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 3081	2.6	7
34	Ozonized Water in Microbial Control: Analysis of the Stability, In Vitro Biocidal Potential, and Cytotoxicity. <i>Biology</i> , <b>2021</b> , 10,	4.9	7
33	Metal Content of Nutritional and Toxic Value in Different Types of Brazilian Propolis. <i>Scientific World Journal, The</i> , <b>2020</b> , 2020, 4395496	2.2	6
32	Cocoa pulp in beer production: Applicability and fermentative process performance. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175677	3.7	6
31	OBTAINING NANOCELLULOSE FROM GREEN COCONUT FIBERS AND INCORPORATION IN BIODEGRADABLE FILMS OF STARCH PLASTICIZED WITH GLYCEROL. <i>Quimica Nova</i> , <b>2014</b> ,	1.6	6
30	Study on the sensory acceptance and check all that apply of mixed juices in distinct Brazilian regions. <i>Food Science and Technology</i> , <b>2020</b> , 40, 708-717	2	5
29	Combination of carotenoids from Spirulina and PLA/PLGA or PHB: New options to obtain bioactive nanoparticles. <i>Food Chemistry</i> , <b>2021</b> , 346, 128742	8.5	5
28	Herbicide determination in Brazilian propolis using high pressure liquid chromatography. <i>International Journal of Environmental Health Research</i> , <b>2021</b> , 31, 507-517	3.6	5
27	Prospective Study on the Collection and Incorporation of Cellulose Nanocrystals in Biodegradable Films. <i>Revista Virtual De Quimica</i> , <b>2016</b> , 8, 1104-1114	1.3	4

26	ESTUDO PROSPECTIVO DA PROPOLIS E TECNOLOGIAS CORRELATAS SOB O ENFOQUE EM DOCUMENTOS DE PATENTES DEPOSITADOS NO BRASIL. <i>Revista GEINTEC</i> , <b>2012</b> , 2, 221-235	0.7	4
25	Susceptibility of Clinical Isolates to Allopathic Antifungals and Brazilian Red, Green, and Brown Propolis Extracts. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 460	3.1	4
24	Syrah Grape Skin Residues Has Potential as Source of Antioxidant and Anti-Microbial Bioactive Compounds.. <i>Biology</i> , <b>2021</b> , 10,	4.9	4
23	Bionanocomposites of PLA/PBAT/organophilic clay: preparation and characterization. <i>Polimeros</i> , <b>2019</b> , 29,	1.6	3
22	Produçã de goma xantana obtida a partir do caldo de cana. <i>Food Science and Technology</i> , <b>28</b> , 217-222	2	3
21	Application of Propolis Extract in Food Products: A Prospecting Based in Patent Documents. <i>Revista Virtual De Quimica</i> , <b>2016</b> , 8, 1251-1261	1.3	3
20	Comparison of the Centesimal, Mineral and Phytochemical Composition of Pulps and Peel of Ten Different Fruits. <i>Revista Virtual De Quimica</i> , <b>2018</b> , 10, 811-823	1.3	3
19	Potential Applicability of Cocoa Pulp ( L) as an Adjunct for Beer Production. <i>Scientific World Journal, The</i> , <b>2020</b> , 2020, 3192585	2.2	3
18	Effect of Drying Methods on Bioactive Compounds and Antioxidant Capacity in Grape Skin Residues from the New Hybrid Variety "BRS Magna". <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
17	Lipid content and fatty acids compositions in commercial cuts of young goat meat. <i>Ciencia Rural</i> , <b>2019</b> , 49,	1.3	2
16	Supercritical Extraction of Red Propolis: Operational Conditions and Chemical Characterization. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
15	A Detailed Forecast of the Technologies Based on Lifecycle Analysis of GMAW and CMT Welding Processes. <i>Sustainability</i> , <b>2021</b> , 13, 3766	3.6	2
14	Technological Advancements in Monoclonal Antibodies. <i>Scientific World Journal, The</i> , <b>2021</b> , 2021, 6663708		2
13	Development of Bacterial Cellulose Biocomposites Combined with Starch and Collagen and Evaluation of Their Properties. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
12	Disinfecting Efficacy of an Ozonated Water Spray Chamber: Scientific Evidence of the Total and Partial Biocidal Effect on Personal Protective Equipment and in Vitro Analysis of a Viral Experimental Model. <i>Ozone: Science and Engineering</i> ,1-19	2.4	2
11	Activity of antifungal drugs and Brazilian red and green propolis extracted with different methodologies against oral isolates of <i>Candida</i> spp. <i>BMC Complementary Medicine and Therapies</i> , <b>2021</b> , 21, 286	2.9	1
10	Novel bioactive nanoparticles from crude palm oil and its fractions as foodstuff ingredients. <i>Food Chemistry</i> , <b>2021</b> , 373, 131252	8.5	1
9	Extraction of propolis using supercritical carbon dioxide <b>2020</b> , 169-183		1

8	Numerical and experimental analyses for the improvement of surface instant decontamination technology through biocidal agent dispersion: Potential of application during pandemic. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251817	3.7	1
7	Potential application of novel technology developed for instant decontamination of personal protective equipment before the doffing step. <i>PLoS ONE</i> , <b>2021</b> , 16, e0250854	3.7	1
6	Technological Prospection of Oil Nanoparticles: Primary Characteristics and Profiles. <i>Recent Patents on Nanotechnology</i> , <b>2021</b> , 15, 2-14	1.2	0
5	Adding Technology Sustainability Evaluation to Product Development: A Proposed Methodology and an Assessment Model. <i>Sustainability</i> , <b>2021</b> , 13, 2097	3.6	0
4	Prospective Study of Microbial Colorants under the Focus of Patent Documents. <i>Recent Patents on Biotechnology</i> , <b>2020</b> , 14, 184-193	2.2	
3	Application of Liposomes in Cancer Therapy: An Assessment of the Advancement of Technology Through Patent Documents. <i>Recent Patents on Nanotechnology</i> , <b>2021</b> , 15, 367-376	1.2	
2	Evaluation of the Technological Potential of Grape Peels Through Patent Document Analysis: Agro-industrial Waste with Biotechnological Potential. <i>Recent Patents on Nanotechnology</i> , <b>2021</b> , 15, 35-46 <sup>1,2</sup>		
1	Development and Characterization of Powdered Antioxidant Compounds Made from Shiraz ( L.) Grape Peels and Arrowroot ( L.).. <i>Scientific World Journal, The</i> , <b>2022</b> , 2022, 7664321	2.2	