

Priscila G Mazzola

List of Publications by Year in descending order

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119
papers

3,649
citations

172457

29
h-index

149698

56
g-index

122
all docs

122
docs citations

122
times ranked

5456
citing authors

#	ARTICLE	IF	CITATIONS
1	Nisin biotechnological production and application: a review. <i>Trends in Food Science and Technology</i> , 2009, 20, 146-154.	15.1	346
2	Bacterial nanocellulose production and application: a 10-year overview. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2063-2072.	3.6	317
3	Methods of endotoxin removal from biological preparations: a review. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2007, 10, 388-404.	2.1	259
4	Liquidâ€“liquid extraction of biomolecules: an overview and update of the main techniques. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 143-157.	3.2	191
5	Biopharmaceuticals from microorganisms: from production to purification. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 51-63.	2.0	126
6	Therapeutic asparaginase: upstream, downstream and beyond. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 82-99.	9.0	109
7	Stability, purification, and applications of bromelain: A review. <i>Biotechnology Progress</i> , 2016, 32, 5-13.	2.6	106
8	Minimal inhibitory concentration (MIC) determination of disinfectant and/or sterilizing agents. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 241-248.	1.2	93
9	The efficacy of chemical agents in cleaning and disinfection programs. <i>BMC Infectious Diseases</i> , 2001, 1, 16.	2.9	89
10	Determination of decimal reduction time (D value) of chemical agents used in hospitals for disinfection purposes. <i>BMC Infectious Diseases</i> , 2003, 3, 24.	2.9	86
11	Plantâ€“based active photoprotectants for sunscreens. <i>International Journal of Cosmetic Science</i> , 2016, 38, 346-353.	2.6	86
12	Rosemary (<i>Rosmarinus officinalis</i> L., syn <i>Salvia rosmarinus</i> Spenn.) and Its Topical Applications: A Review. <i>Plants</i> , 2020, 9, 651.	3.5	80
13	Identification of bacteria in drinking and purified water during the monitoring of a typical water purification system. <i>BMC Public Health</i> , 2002, 2, 13.	2.9	71
14	Use of sugar cane straw as a source of cellulose for textile fiber production. <i>Industrial Crops and Products</i> , 2013, 42, 189-194.	5.2	70
15	Different types of aqueous twoâ€“phase systems for biomolecule and bioparticle extraction and purification. <i>Biotechnology Progress</i> , 2013, 29, 1343-1353.	2.6	68
16	Bacterial Nanocellulose Loaded with Bromelain: Assessment of Antimicrobial, Antioxidant and Physical-Chemical Properties. <i>Scientific Reports</i> , 2017, 7, 18031.	3.3	61
17	Azocasein Substrate for Determination of Proteolytic Activity: Reexamining a Traditional Method Using Bromelain Samples. <i>BioMed Research International</i> , 2016, 2016, 1-6.	1.9	59
18	Coffee by-products in topical formulations: A review. <i>Trends in Food Science and Technology</i> , 2021, 111, 280-291.	15.1	51

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19	Flavonoid-Enriched Plant-Extract-Loaded Emulsion: A Novel Phytocosmetic Sunscreen Formulation with Antioxidant Properties. <i>Antioxidants</i> , 2019, 8, 443.	5.1	44
20	Liquidâ€“liquid extraction of commercial and biosynthesized nisin by aqueous two-phase micellar systems. <i>Enzyme and Microbial Technology</i> , 2008, 42, 107-112.	3.2	43
21	Update on ultraviolet A and B radiation generated by the sun and artificial lamps and their effects on skin. <i>International Journal of Cosmetic Science</i> , 2015, 37, 366-370.	2.6	41
22	Modified-release topical hydrogels: a ten-year review. <i>Journal of Materials Science</i> , 2019, 54, 10963-10983.	3.7	38
23	Isolation and purification of bromelain from waste peel of pineapple for therapeutic application. <i>Brazilian Archives of Biology and Technology</i> , 2013, 56, 971-979.	0.5	37
24	Algaeâ€™s sulfated polysaccharides modifications: Potential use of microbial enzymesâ€™. <i>Process Biochemistry</i> , 2016, 51, 989-998.	3.7	35
25	Bromelain-loaded nanoparticles: A comprehensive review of the state of the art. <i>Advances in Colloid and Interface Science</i> , 2018, 254, 48-55.	14.7	32
26	Curcumin encapsulation in nanostructures for cancer therapy: A 10-year overview. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120534.	5.2	32
27	Natural actives for wound healing: A review. <i>Phytotherapy Research</i> , 2018, 32, 1664-1674.	5.8	30
28	In vitro antioxidant activity and solar protection factor of blackberry and raspberry extracts in topical formulation. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 539-544.	1.6	30
29	Chemical resistance of the gram-negative bacteria to different sanitizers in a water purification system. <i>BMC Infectious Diseases</i> , 2006, 6, 131.	2.9	29
30	Affinity-tagged green fluorescent protein (GFP) extraction from a clarified <i>E. coli</i> cell lysate using a two-phase aqueous micellar system. <i>Biotechnology and Bioengineering</i> , 2006, 93, 998-1004.	3.3	29
31	LPS removal from an <i>E. coli</i> fermentation broth using aqueous two-phase micellar system. <i>Biotechnology Progress</i> , 2010, 26, 1644-1653.	2.6	29
32	Green fluorescent protein extraction and LPS removal from <i>Escherichia coli</i> fermentation medium using aqueous two-phase micellar system. <i>Separation and Purification Technology</i> , 2011, 81, 339-346.	7.9	29
33	Caryocar brasiliense supercritical CO ₂ extract possesses antimicrobial and antioxidant properties useful for personal care products. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 73.	3.7	27
34	In vitro SPF and Photostability Assays of Emulsion Containing Nanoparticles with Vegetable Extracts Rich in Flavonoids. <i>AAPS PharmSciTech</i> , 2019, 20, 9.	3.3	27
35	Evaluation of In Vitro Solar Protection Factor (SPF), Antioxidant Activity, and Cell Viability of Mixed Vegetable Extracts from <i>Dioscorea alata</i> , <i>Ginkgo biloba</i> L., <i>Ruta graveolens</i> L., and <i>Vitis vinifera</i> L.. <i>Plants</i> , 2019, 8, 453.	3.5	25
36	Aqueous Two-Phase Micellar System for Nisin Extraction in the Presence of Electrolytes. <i>Food and Bioprocess Technology</i> , 2013, 6, 3456-3461.	4.7	23

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37	Microalgae: Cultivation Aspects and Bioactive Compounds. <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	23
38	Can acetylcysteine ameliorate cisplatin-induced toxicities and oxidative stress without decreasing antitumor efficacy? A randomized, double-blind, placebo-controlled trial involving patients with head and neck cancer. <i>Cancer Medicine</i> , 2019, 8, 2020-2030.	2.8	23
39	Separation and purification of curcumin using novel aqueous two-phase micellar systems composed of amphiphilic copolymer and cholinium ionic liquids. <i>Separation and Purification Technology</i> , 2020, 250, 117262.	7.9	23
40	Clinical relevancy and risks of potential drug-drug interactions in intensive therapy. <i>Saudi Pharmaceutical Journal</i> , 2015, 23, 366-370.	2.7	21
41	Influence of Soy Lecithin Administration on Hypercholesterolemia. <i>Cholesterol</i> , 2010, 2010, 1-4.	1.6	20
42	Application of an aqueous two-phase micellar system to extract bromelain from pineapple (<i>Ananas comosus</i>) peel waste and analysis of bromelain stability in cosmetic formulations. <i>Biotechnology Progress</i> , 2015, 31, 937-945.	2.6	20
43	Acquired skin hyperpigmentation following intravenous polymyxin B treatment: a cohort study. <i>Pigment Cell and Melanoma Research</i> , 2016, 29, 388-390.	3.3	20
44	L-Asparaginase Purification. <i>Separation and Purification Reviews</i> , 2017, 46, 35-43.	5.5	20
45	Stability of Green Fluorescent Protein (GFP) in Chlorine Solutions of Varying pH. <i>Biotechnology Progress</i> , 2006, 22, 1702-1707.	2.6	20
46	Impact of pharmacist interventions on drug-related problems and laboratory markers in outpatients with human immunodeficiency virus infection. <i>Therapeutics and Clinical Risk Management</i> , 2014, 10, 631.	2.0	19
47	Adverse drug reactions and kinetics of cisplatin excretion in urine of patients undergoing cisplatin chemotherapy and radiotherapy for head and neck cancer: a prospective study. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2017, 25, 12.	2.0	19
48	Evaluation of antimicrobial effectiveness of C-8 xylitol monoester as an alternative preservative for cosmetic products. <i>International Journal of Cosmetic Science</i> , 2011, 33, 391-397.	2.6	18
49	Effect of Polysaccharide Sources on the Physicochemical Properties of Bromelain-Chitosan Nanoparticles. <i>Polymers</i> , 2019, 11, 1681.	4.5	18
50	Unplanned absorption of sunscreen ingredients: Impact of formulation and evaluation methods. <i>International Journal of Pharmaceutics</i> , 2020, 591, 120013.	5.2	18
51	Polymeric micelles using cholinium-based ionic liquids for the encapsulation and release of hydrophobic drug molecules. <i>Biomaterials Science</i> , 2021, 9, 2183-2196.	5.4	18
52	Effect of polyethylene glycol on the thermal stability of green fluorescent protein. <i>Biotechnology Progress</i> , 2010, 26, 252-256.	2.6	17
53	Bromelain Loading and Release from a Hydrogel Formulated Using Alginate and Arabic Gum. <i>Planta Medica</i> , 2017, 83, 870-876.	1.3	17
54	Can polyacrylic acid treat sexual dysfunction in women with breast cancer receiving tamoxifen?. <i>Climacteric</i> , 2017, 20, 62-66.	2.4	17

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55	Freeze-dried chitosan nanoparticles to stabilize and deliver bromelain. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102225.	3.0	17
56	Nisin expression production from <i>Lactococcus lactis</i> in milk whey medium. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 325-328.	3.2	16
57	Citrate and phosphate influence on green fluorescent protein thermal stability. <i>Biotechnology Progress</i> , 2011, 27, 269-272.	2.6	16
58	Polymer-based alternative method to extract bromelain from pineapple peel waste. <i>Biotechnology and Applied Biochemistry</i> , 2013, 60, 527-535.	3.1	16
59	The influence of pH, polyethylene glycol and polyacrylic acid on the stability of stem bromelain. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 371-380.	1.2	16
60	Photostability study of commercial sunscreens submitted to artificial UV irradiation and/or fluorescent radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 45-49.	3.8	16
61	Immunohistochemistry expression of targeted therapies biomarkers in ovarian clear cell and endometrioid carcinomas (type I) and endometriosis. <i>Human Pathology</i> , 2019, 85, 72-81.	2.0	16
62	Cost analysis of pharmaceutical care provided to HIV-infected patients: an ambispective controlled study. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 13.	2.0	15
63	Low-cost purification of nisin from milk whey to a highly active product. <i>Food and Bioproducts Processing</i> , 2015, 93, 115-121.	3.6	15
64	Prevalence of potential drug-drug interactions in the intensive care unit of a Brazilian teaching hospital. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2017, 53, .	1.2	15
65	Characterization of PNIPAAm-co-AAm hydrogels for modified release of bromelain. <i>European Polymer Journal</i> , 2018, 105, 48-54.	5.4	15
66	Evaluation of the enzymatic activity and stability of commercial bromelain incorporated in topical formulations. <i>International Journal of Cosmetic Science</i> , 2016, 38, 535-540.	2.6	14
67	Culture medium of diluted skimmed milk for the production of nisin in batch cultivations. <i>Annals of Microbiology</i> , 2012, 62, 419-426.	2.6	13
68	HIV pharmaceutical care in primary healthcare: Improvement in CD4 count and reduction in drug-related problems. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 724-733.	2.7	13
69	Adherence and quality of life in women with breast cancer being treated with oral hormone therapy. <i>Supportive Care in Cancer</i> , 2019, 27, 3799-3804.	2.2	13
70	In vitro performance of free and encapsulated bromelain. <i>Scientific Reports</i> , 2021, 11, 10195.	3.3	13
71	Prescribing errors intercepted by pharmacist intervention in care of patients hospitalised with breast and gynaecological cancer at a Brazilian teaching hospital. <i>European Journal of Cancer Care</i> , 2018, 27, e12767.	1.5	12
72	In vitro solar protection factor, antioxidant activity, and stability of a topical formulation containing Benitaka grape (<i>Vitis vinifera</i> L.) peel extract. <i>Natural Product Research</i> , 2020, 34, 2677-2682.	1.8	11

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73	Stability of Green Fluorescent Protein (GFP) in Chlorine Solutions of Varying pH. <i>Biotechnology Progress</i> , 2006, 22, 1702-1707.	2.6	11
74	Decolorization of industrial azo dye in an anoxic reactor by PUF immobilized <i>Pseudomonas oleovorans</i> . <i>Journal of Water Reuse and Desalination</i> , 2011, 1, 18-26.	2.3	10
75	Design and optimization of novel in situ gel of mercaptopurine for sustained drug delivery. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 107-119.	1.2	10
76	Poly(N-Isopropylacrylamide)-co-Acrylamide Hydrogels for the Controlled Release of Bromelain from Agroindustrial Residues of <i>Ananas comosus</i> . <i>Planta Medica</i> , 2015, 81, 1719-1726.	1.3	10
77	Vitamin C in Acerola and Red Plum Extracts: Quantification via HPLC, in Vitro Antioxidant Activity, and Stability of their Gel and Emulsion Formulations. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1461-1465.	1.5	10
78	Evaluation of the cytotoxicity and phototoxicity of Caryocar brasiliense supercritical carbon dioxide extract. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 450.	3.7	9
79	Adverse Drug Reactions and quality deviations monitored by spontaneous reports. <i>Saudi Pharmaceutical Journal</i> , 2015, 23, 130-137.	2.7	9
80	Cachexia: Pathophysiology and Ghrelin Liposomes for Nose-to-Brain Delivery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5974.	4.1	9
81	Quality of Life of Patients with Squamous Cell Carcinoma of the Head and Neck Receiving High-Dose Cisplatin Chemotherapy and Radiotherapy. <i>Southern Medical Journal</i> , 2015, 108, 343-9.	0.7	8
82	High 15-F2t-Isoprostane Levels in Patients with a Previous History of Nonmelanoma Skin Cancer: The Effects of Supplementary Antioxidant Therapy. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	7
83	Pharmacist interventions in high-risk obstetric inpatient unit: a medication safety issue. <i>International Journal for Quality in Health Care</i> , 2018, 30, 530-536.	1.8	7
84	Effect of nanoencapsulation of blueberry (<i>Vaccinium myrtillus</i>): A green source of flavonoids with antioxidant and photoprotective properties. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 23, 100515.	3.3	7
85	Evaluation of the quality of life of patients before treatment of squamous cell carcinoma of the head and neck by means of chemoradiotherapy. <i>Wspolczesna Onkologia</i> , 2015, 2, 148-153.	1.4	6
86	Application of aqueous two-phase micellar system to improve extraction of adenoviral particles from cell lysate. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 381-389.	3.1	6
87	Determination of decimal reduction time (D-value) of chemical agents used in hospital disinfection. <i>Brazilian Journal of Microbiology</i> , 0, 34, 33-34.	2.0	6
88	Drug Interaction Between Phenytoin and Valproic Acid in a Child With Refractory Epilepsy. <i>Journal of Pharmacy Practice</i> , 2014, 27, 214-216.	1.0	5
89	Effects of High-Dose Cisplatin Chemotherapy and Conventional Radiotherapy on Urinary Oxidative and Nitrosative Stress Biomarkers in Patients with Head and Neck Cancer. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 83-86.	2.5	5
90	Preliminary Study on the Potential Utility of GFP as a Biosensor for Drug Stability in Parenteral Solutions. <i>Biotechnology Progress</i> , 2007, 23, 979-984.	2.6	5

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91	Choice of sterilizing/disinfecting agent: determination of the Decimal Reduction Time (D-Value). Brazilian Journal of Pharmaceutical Sciences, 2009, 45, 701-708.	1.2	4
92	Nausea, vomiting and quality of life of patients with cancer undergoing antineoplastic treatment: an evaluation by pharmacists. International Journal of Pharmacy Practice, 2015, 23, 357-360.	0.6	4
93	Potential Drug Interactions and Drug Risk during Pregnancy and Breastfeeding: An Observational Study in a Women's Health Intensive Care Unit. Revista Brasileira De Ginecologia E Obstetricia, 2017, 39, 258-264.	0.8	4
94	Urinary Incontinence and Overactive Bladder Symptoms in Women with Breast Cancer Being Treated with Oral Hormone Therapy. Revista Brasileira De Ginecologia E Obstetricia, 2020, 42, 726-730.	0.8	4
95	Jaboticaba, a Brazilian jewel, source of antioxidant and wound healing promoter. Sustainable Chemistry and Pharmacy, 2021, 20, 100401.	3.3	4
96	Investigation of charged polymer influence on green fluorescent protein thermal stability. New Biotechnology, 2011, 28, 391-395.	4.4	3
97	Preliminary Study on the Potential Utility of GFP as a Biosensor for Drug Stability in Parenteral Solutions. Biotechnology Progress, 2007, 23, 979-984.	2.6	2
98	Pharmacovigilance in oncology: pattern of spontaneous notifications, incidence of adverse drug reactions and under-reporting. Brazilian Journal of Pharmaceutical Sciences, 2014, 50, 411-422.	1.2	2
99	Impact of drug formulation and free platinum/cisplatin ratio on hypersensitivity reactions to cisplatin: formulation matters. Journal of Clinical Pharmacy and Therapeutics, 2015, 40, 41-47.	1.5	2
100	Prevented Prescribing Errors in an ICU of a Brazilian Teaching Hospital Specializing in Women's Health. American Journal of Medical Quality, 2017, 32, 110-111.	0.5	2
101	Analysis of information received during treatment and adherence to tamoxifen in breast cancer patients. Wspolczesna Onkologia, 2017, 21, 295-298.	1.4	2
102	Adverse Drug Event-Related Admissions to a Pediatric Emergency Unit. Pediatric Emergency Care, 2018, Publish Ahead of Print, e152-e158.	0.9	2
103	Pterodon pubescens Benth (sucupira) microencapsulation influence on formulation stability outcome compared to non-encapsulated extract. Journal of Drug Delivery Science and Technology, 2022, 67, 102875.	3.0	2
104	<i>In vitro</i> antioxidant and wound healing properties of baru nut extract (<i>Dipteryx alata</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 disease (COPD). Natural Product Research, 2022, 36, 4469-4475.	1.8	2
105	Flow test by the International Dysphagia Diet Standardization Initiative reveals distinct viscosity parameters of three thickening agents. Journal of Food Science and Technology, 2022, 59, 3627-3633.	2.8	2
106	Prevalence, Prevention, and Severity of Prescribing Errors in Different Years of Residency Training at an Oncology Ward. American Journal of Medical Quality, 2018, 33, 109-109.	0.5	1
107	Development and evaluation of microencapsulated sunscreen. Journal of Dispersion Science and Technology, 2018, 39, 1149-1152.	2.4	1
108	Brief descriptions of the principles of prominent methods used to study the penetration of materials into human hair and a review of examples of their use. International Journal of Cosmetic Science, 2021, 43, 113-122.	2.6	1

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109	PVA-CO-AAM and peg-co-aam hydrogels as bromelain carriers. Journal of Drug Delivery Science and Technology, 2021, 63, 102483.	3.0	1
110	Physical and functional well-being and symptoms of ovarian cancer in women undergoing first-line of chemotherapy: a one-year follow-up. Supportive Care in Cancer, 2021, 29, 7421-7430.	2.2	1
111	Upstream and Downstream of Recombinants Biomolecules to Health Care Industry. BioMed Research International, 2016, 2016, 1-2.	1.9	0
112	Pharmacotherapy Assessment of Patients With Isolation Precautions at a University Hospital. American Journal of Medical Quality, 2018, 33, 334-335.	0.5	0
113	Switching of Hormone Therapies in Breast Cancer Women. Revista Brasileira De Ginecologia E Obstetricia, 2021, 43, 185-189.	0.8	0
114	Microcapsules containing Pterodon pubescens Benth. extract with cashew gum as wall material. Planta Medica, 2014, 80, .	1.3	0
115	Avaliaç�o do conhecimento sobre fotoproteç�o e da exposiç�o solar de estudantes universit�rios. Surgical and Cosmetic Dermatology, 2018, 10, .	0.0	0
116	Hidrog�is de PNIPAAm-co-aam como sistemas carreadores de bromelina. , 0, , .		0
117	Obtenç�o de part�culas polim�ricas contendo �leo essencial com potencial atividade antif�ngica. , 0, , .		0
118	Avaliaç�o do potencial cicatrizante do �cido carn�sico e do �cido rosmar�nico presente no extrato do Rosmarinus officinalis -alecrim. , 0, , .		0
119	Bacterial nanocellulose and fibroin: natural products to produce a structure membranes. Revista Materia, 2021, 26, .	0.2	0