

Sandra Regina Georgetti

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,753
citations

159585

30
h-index

175258

52
g-index

58
all docs

58
docs citations

58
times ranked

3867
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective effect of topical formulations containing quercetin against UVB-induced oxidative stress in hairless mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 84, 21-27.	3.8	239
2	<i>Artemisia arborescens</i> L essential oil-loaded solid lipid nanoparticles for potential agricultural application: Preparation and characterization. <i>AAPS PharmSciTech</i> , 2006, 7, E10.	3.3	189
3	Vanillic Acid Inhibits Inflammatory Pain by Inhibiting Neutrophil Recruitment, Oxidative Stress, Cytokine Production, and NF- κ B Activation in Mice. <i>Journal of Natural Products</i> , 2015, 78, 1799-1808.	3.0	139
4	Quercetin Reduces Inflammatory Pain: Inhibition of Oxidative Stress and Cytokine Production. <i>Journal of Natural Products</i> , 2009, 72, 1975-1979.	3.0	138
5	Quercetin-Loaded Microcapsules Ameliorate Experimental Colitis in Mice by Anti-inflammatory and Antioxidant Mechanisms. <i>Journal of Natural Products</i> , 2013, 76, 200-208.	3.0	129
6	Naringenin Inhibits UVB Irradiation-Induced Inflammation and Oxidative Stress in the Skin of Hairless Mice. <i>Journal of Natural Products</i> , 2015, 78, 1647-1655.	3.0	114
7	Naringenin Inhibits Superoxide Anion-Induced Inflammatory Pain: Role of Oxidative Stress, Cytokines, Nrf-2 and the NO \rightarrow cGMP \rightarrow PKG \rightarrow KATP Channel Signaling Pathway. <i>PLoS ONE</i> , 2016, 11, e0153015.	2.5	113
8	In vitro evaluation of quercetin cutaneous absorption from topical formulations and its functional stability by antioxidant activity. <i>International Journal of Pharmaceutics</i> , 2007, 328, 183-190.	5.2	103
9	Spray drying of the soybean extract: Effects on chemical properties and antioxidant activity. <i>LWT - Food Science and Technology</i> , 2008, 41, 1521-1527.	5.2	97
10	Assessment of the antioxidant activities of Brazilian extracts of propolis alone and in topical pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 39, 455-462.	2.8	87
11	Flavonoids as Anti-Inflammatory and Analgesic Drugs: Mechanisms of Action and Perspectives in the Development of Pharmaceutical Forms. <i>Studies in Natural Products Chemistry</i> , 2012, 36, 297-330.	1.8	86
12	Topical Formulation Containing Naringenin: Efficacy against Ultraviolet B Irradiation-Induced Skin Inflammation and Oxidative Stress in Mice. <i>PLoS ONE</i> , 2016, 11, e0146296.	2.5	75
13	Anti-inflammatory activity of betalain-rich dye of <i>Beta vulgaris</i> : effect on edema, leukocyte recruitment, superoxide anion and cytokine production. <i>Archives of Pharmacal Research</i> , 2015, 38, 494-504.	6.3	73
14	Quercetin attenuates zymosan-induced arthritis in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 175-184.	5.6	67
15	Influence of the degree of hydrolysis and type of enzyme on antioxidant activity of okara protein hydrolysates. <i>Food Science and Technology</i> , 2016, 36, 375-381.	1.7	62
16	Efficacy of topical formulations containing <i>Pimenta pseudocaryophyllus</i> extract against UVB-induced oxidative stress and inflammation in hairless mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 127, 153-160.	3.8	60
17	Pyrrolidine dithiocarbamate inhibits UVB-induced skin inflammation and oxidative stress in hairless mice and exhibits antioxidant activity in vitro. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 138, 124-133.	3.8	59
18	Preparation and Characterization of Microcapsules Based on Biodegradable Polymers: Pectin/Casein Complex for Controlled Drug Release Systems. <i>AAPS PharmSciTech</i> , 2012, 13, 364-372.	3.3	58

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19	Parameters of the fermentation of soybean flour by <i>Monascus purpureus</i> or <i>Aspergillus oryzae</i> on the production of bioactive compounds and antioxidant activity. <i>Food Chemistry</i> , 2019, 271, 274-283.	8.2	51
20	Treatment with maresin 1, a docosahexaenoic acid-derived pro-resolution lipid, protects skin from inflammation and oxidative stress caused by UVB irradiation. <i>Scientific Reports</i> , 2019, 9, 3062.	3.3	51
21	Evaluation of the antioxidant activity of soybean extract by different in vitro methods and investigation of this activity after its incorporation in topical formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 64, 99-106.	4.3	50
22	Evaluation of the antioxidant activity of different flavonoids by the chemiluminescence method. <i>AAPS PharmSci</i> , 2003, 5, 111-115.	1.3	48
23	Multi-response optimisation of the extraction solvent system for phenolics and antioxidant activities from fermented soy flour using a simplex-centroid design. <i>Food Chemistry</i> , 2016, 197, 175-184.	8.2	48
24	Hesperidin methyl chalcone inhibits oxidative stress and inflammation in a mouse model of ultraviolet B irradiation-induced skin damage. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 148, 145-153.	3.8	44
25	The Lipid Mediator Resolvin D1 Reduces the Skin Inflammation and Oxidative Stress Induced by UV Irradiation in Hairless Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 1242.	3.5	42
26	Evaluation of functional stability of quercetin as a raw material and in different topical formulations by its antilipoperoxidative activity. <i>AAPS PharmSciTech</i> , 2006, 7, E64-E71.	3.3	39
27	Microencapsulation of grape seed oil by spray drying. <i>Food Science and Technology</i> , 2018, 38, 263-270.	1.7	39
28	Optimization of ultrasound-assisted extraction of grape seed oil to enhance process yield and minimize free radical formation. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 5019-5026.	3.5	38
29	Topical formulation containing hesperidin methyl chalcone inhibits skin oxidative stress and inflammation induced by ultraviolet B irradiation. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 554-563.	2.9	37
30	Topical Formulations Containing <i>Pimenta pseudocaryophyllus</i> Extract: In Vitro Antioxidant Activity and In Vivo Efficacy Against UV-B-Induced Oxidative Stress. <i>AAPS PharmSciTech</i> , 2014, 15, 86-95.	3.3	31
31	trans-Chalcone, a flavonoid precursor, inhibits UV-induced skin inflammation and oxidative stress in mice by targeting NADPH oxidase and cytokine production. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1162-1173.	2.9	31
32	The ruthenium NO donor, [Ru(bpy) ₂ (NO)SO ₃](PF ₆), inhibits inflammatory pain: Involvement of TRPV1 and cGMP/PKG/ATP-sensitive potassium channel signaling pathway. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 105, 157-165.	2.9	29
33	Evaluation of in vivo efficacy of topical formulations containing soybean extract. <i>International Journal of Pharmaceutics</i> , 2008, 352, 189-196.	5.2	25
34	Resveratrol-Loaded Liquid-Crystalline System Inhibits UVB-Induced Skin Inflammation and Oxidative Stress in Mice. <i>Journal of Natural Products</i> , 2016, 79, 1329-1338.	3.0	25
35	Trans-chalcone added in topical formulation inhibits skin inflammation and oxidative stress in a model of ultraviolet B radiation skin damage in hairless mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 171, 139-146.	3.8	25
36	Spray-drying of casein/pectin bioconjugate microcapsules containing grape (<i>Vitis labrusca</i>) by-product extract. <i>Food Chemistry</i> , 2022, 368, 130817.	8.2	22

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37	Tephrosia sinapou extract reduces inflammatory leukocyte recruitment in mice: effect on oxidative stress, nitric oxide and cytokine production. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 587-597.	1.4	19
38	Quercetin in Lyotropic Liquid Crystalline Formulations: Physical, Chemical and Functional Stability. <i>AAPS PharmSciTech</i> , 2008, 9, 591-596.	3.3	18
39	The Lipoxin Receptor/FPR2 Agonist BML-111 Protects Mouse Skin Against Ultraviolet B Radiation. <i>Molecules</i> , 2020, 25, 2953.	3.8	17
40	Analgesic activity and mechanism of action of a <i>Beta vulgaris</i> dye enriched in betalains in inflammatory models in mice. <i>Inflammopharmacology</i> , 2020, 28, 1663-1675.	3.9	16
41	Tephrosia sinapouethyl acetate extract inhibits inflammatory pain in mice: Opioid receptor dependent inhibition of TNF α and IL-1 β production. <i>Pharmaceutical Biology</i> , 2013, 51, 1262-1271.	2.9	15
42	Protective Effect of Fermented Soybean Dried Extracts against TPA-Induced Oxidative Stress in Hairless Mice Skin. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	15
43	Preclinical Evaluation of Rutin-Loaded Microparticles with an Enhanced Analgesic Effect. <i>ACS Omega</i> , 2019, 4, 1221-1227.	3.5	15
44	Antioxidant activity and physical-chemical properties of spray and spouted bed dried extracts of <i>Bauhinia forficata</i> . <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 209-218.	1.2	14
45	The ruthenium nitric oxide donor, [Ru(HEDTA)NO], inhibits acute nociception in mice by modulating oxidative stress, cytokine production and activating the cGMP/PKG/ATP-sensitive potassium channel signaling pathway. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 1053-1068.	3.0	12
46	Validation of HPLC, DPPH \cdot and nitrosation methods for mesalamine determination in pharmaceutical dosage forms. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2007, 43, 97-103.	0.5	7
47	A topical formulation containing quercetin-loaded microcapsules protects against oxidative and inflammatory skin alterations triggered by UVB irradiation: enhancement of activity by microencapsulation. <i>Journal of Drug Targeting</i> , 2021, 29, 983-997.	4.4	7
48	Assessment of in vitro methodologies to determine topical and transdermal delivery of the flavonoid quercetin. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 357-364.	1.2	6
49	Antinociceptive Effect of Tephrosia sinapou Extract in the Acetic Acid, Phenyl-p-benzoquinone, Formalin, and Complete Freund's Adjuvant Models of Overt Pain-Like Behavior in Mice. <i>Scientifica</i> , 2016, 2016, 1-8.	1.7	6
50	Protective effect of oral treatment with <i>Cordia verbenacea</i> extract against UVB irradiation deleterious effects in the skin of hairless mouse. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 216, 112151.	3.8	6
51	Method validation and stability study of quercetin in topical emulsions. <i>Quimica Nova</i> , 2009, 32, 1939-1942.	0.3	4
52	Topical emulsion containing pyrrolidine dithiocarbamate: effectiveness against ultraviolet B irradiation-induced injury of hairless mouse skin. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1461-1473.	2.4	4
53	Protection against UVB deleterious skin effects in a mouse model: effect of a topical emulsion containing <i>Cordia verbenacea</i> extract. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1033-1051.	2.9	3
54	Production of Hydrolysate of Okara Protein Concentrate with High Antioxidant Capacity and Aglycone Isoflavone Content. <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	3

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55	Prevention of UVB radiation-induced oxidative stress in mice by topical administration of Azadirachta indica (neem) extract. Revista De Ciencias Farmaceuticas Basica E Aplicada, 2020, 41, .	0.3	1
56	Topical Administration of 15-Deoxy- $\Delta^12,14$ -Prostaglandin J2 Using a Nonionic Cream: Effect on UVB-Induced Skin Oxidative, Inflammatory, and Histopathological Modifications in Mice. Mediators of Inflammation, 2021, 2021, 1-15.	3.0	1
57	Hydroethanolic Extract of Grape Peel from Vitis labrusca Winemaking Waste: Antinociceptive and Anti-Inflammatory Activities. Food Technology and Biotechnology, 2021, 60, 21-28.	2.1	1
58	<i>Pimenta pseudocaryophyllus</i> (Gomes) Landrum extract inhibits inflammatory pain in mice: targeting neutrophil recruitment, oxidative stress, and cytokine production. Natural Product Research, 2022, , 1-4.	1.8	0