

Daniela Ribeiro

List of Publications by Citations

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54
papers

1,303
citations

20
h-index

35
g-index

57
ext. papers

1,694
ext. citations

5.2
avg, IF

4.65
L-index

#	Paper	IF	Citations
54	α-Glucosidase inhibition by flavonoids: an in vitro and in silico structure-activity relationship study. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 1216-1228	5.6	153
53	Biophysics in cancer: The relevance of drug-membrane interaction studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 2231-2244	3.8	102
52	Antioxidant and pro-oxidant activities of carotenoids and their oxidation products. <i>Food and Chemical Toxicology</i> , 2018 , 120, 681-699	4.7	85
51	Antioxidant activity of unexplored indole derivatives: synthesis and screening. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4869-78	6.8	74
50	Inhibition of LOX by flavonoids: a structure-activity relationship study. <i>European Journal of Medicinal Chemistry</i> , 2014 , 72, 137-45	6.8	66
49	Proinflammatory Pathways: The Modulation by Flavonoids. <i>Medicinal Research Reviews</i> , 2015 , 35, 877-936	4.4	65
48	Flavonoids inhibit COX-1 and COX-2 enzymes and cytokine/chemokine production in human whole blood. <i>Inflammation</i> , 2015 , 38, 858-70	5.1	55
47	Evaluation of a flavonoids library for inhibition of pancreatic α-amylase towards a structure-activity relationship. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019 , 34, 577-588	5.6	53
46	Synthesis and antioxidant properties of new chromone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7218-26	3.4	51
45	Size-dependent cytotoxicity of silver nanoparticles in human neutrophils assessed by multiple analytical approaches. <i>Life Sciences</i> , 2016 , 145, 247-54	6.8	43
44	Infusion, decoction and hydroalcoholic extracts of leaves from artichoke (<i>Cynara cardunculus</i> L. subsp. <i>cardunculus</i>) are effective scavengers of physiologically relevant ROS and RNS. <i>Food Research International</i> , 2014 , 64, 150-156	7	43
43	Scavenging of reactive oxygen and nitrogen species by the prodrug sulfasalazine and its metabolites 5-aminosalicylic acid and sulfapyridine. <i>Redox Report</i> , 2010 , 15, 259-67	5.9	41
42	Modulation of human neutrophils' oxidative burst by flavonoids. <i>European Journal of Medicinal Chemistry</i> , 2013 , 67, 280-92	6.8	39
41	Synthesis of chlorinated flavonoids with anti-inflammatory and pro-apoptotic activities in human neutrophils. <i>European Journal of Medicinal Chemistry</i> , 2014 , 86, 153-64	6.8	34
40	Novel chromone and xanthone derivatives: Synthesis and ROS/RNS scavenging activities. <i>European Journal of Medicinal Chemistry</i> , 2016 , 115, 381-92	6.8	34
39	Inhibition of protein tyrosine phosphatase 1B by flavonoids: A structure - activity relationship study. <i>Food and Chemical Toxicology</i> , 2018 , 111, 474-481	4.7	32
38	A Systematic Review on Anti-diabetic Properties of Chalcones. <i>Current Medicinal Chemistry</i> , 2020 , 27, 2257-2321	4.3	26

37	In vitro bioactive properties of phlorotannins recovered from hydrothermal treatment of <i>Sargassum muticum</i> . <i>Separation and Purification Technology</i> , 2016 , 167, 117-126	8.3	25
36	2,3-diaryl-xanthenes as strong scavengers of reactive oxygen and nitrogen species: a structure-activity relationship study. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 6776-84	3.4	22
35	A study towards drug discovery for the management of type 2 diabetes mellitus through inhibition of the carbohydrate-hydrolyzing enzymes α -amylase and α -glucosidase by chalcone derivatives. <i>Food and Function</i> , 2019 , 10, 5510-5520	6.1	20
34	Chemical characterization and protective effect of the <i>Bactris setosa</i> Mart. fruit against oxidative/nitrosative stress. <i>Food Chemistry</i> , 2017 , 220, 427-437	8.5	18
33	Immunomodulatory Effects of Flavonoids in the Prophylaxis and Treatment of Inflammatory Bowel Diseases: A Comprehensive Review. <i>Current Medicinal Chemistry</i> , 2018 , 25, 3374-3412	4.3	18
32	Potential use of <i>Cytisus scoparius</i> extracts in topical applications for skin protection against oxidative damage. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013 , 125, 83-9	6.7	17
31	Ochratoxin A activates neutrophils and kills these cells through necrosis, an effect eliminated through its conversion into ochratoxin α . <i>Toxicology</i> , 2016 , 368-369, 91-102	4.4	17
30	New phenolic cinnamic acid derivatives as selective COX-2 inhibitors. Design, synthesis, biological activity and structure-activity relationships. <i>Bioorganic Chemistry</i> , 2019 , 91, 103179	5.1	15
29	Acetaminophen prevents oxidative burst and delays apoptosis in human neutrophils. <i>Toxicology Letters</i> , 2013 , 219, 170-7	4.4	14
28	Flavonoids as potential agents in the management of type 2 diabetes through the modulation of α -amylase and α -glucosidase activity: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-71	11.5	14
27	β -Carotene and its physiological metabolites: Effects on oxidative status regulation and genotoxicity in in vitro models. <i>Food and Chemical Toxicology</i> , 2020 , 141, 111392	4.7	13
26	Synthesis and evaluation of new benzimidazole-based COX inhibitors: a naproxen-like interaction detected by STD-NMR. <i>RSC Advances</i> , 2015 , 5, 49098-49109	3.7	13
25	The dipeptidyl peptidase-4 inhibitory effect of flavonoids is hindered in protein rich environments. <i>Food and Function</i> , 2019 , 10, 5718-5731	6.1	12
24	Inhibition of NF- κ B activation and cytokines production in THP-1 monocytes by 2-styrylchromones. <i>Medicinal Chemistry</i> , 2015 , 11, 560-6	1.8	10
23	<i>Citharexylum solanaceum</i> fruit extracts: Profiles of phenolic compounds and carotenoids and their relation with ROS and RNS scavenging capacities. <i>Food Research International</i> , 2016 , 86, 24-33	7	10
22	Bioactive properties of <i>Acacia dealbata</i> flowers extracts. <i>Waste and Biomass Valorization</i> , 2020 , 11, 2549-2557	3.2	9
21	Structural Specificity of Flavonoids in the Inhibition of Human Fructose 1,6-Bisphosphatase. <i>Journal of Natural Products</i> , 2020 , 83, 1541-1552	4.9	8
20	Chlorinated Flavonoids Modulate the Inflammatory Process in Human Blood. <i>Inflammation</i> , 2017 , 40, 1155-1165	5.1	7

19	2,3-Diaryl-xanthenes as Potential Inhibitors of Arachidonic Acid Metabolic Pathways. <i>Inflammation</i> , 2017 , 40, 956-964	5.1	7
18	Stem bark and flower extracts of <i>Vismia cauliflora</i> are highly effective antioxidants to human blood cells by preventing oxidative burst in neutrophils and oxidative damage in erythrocytes. <i>Pharmaceutical Biology</i> , 2015 , 53, 1691-8	3.8	6
17	Sustainable Valorization of Tomato By-Products to Obtain Bioactive Compounds: Their Potential in Inflammation and Cancer Management.. <i>Molecules</i> , 2022 , 27,	4.8	6
16	Nano-based drug delivery systems used as vehicles to enhance polyphenols therapeutic effect for diabetes mellitus treatment. <i>Pharmacological Research</i> , 2021 , 169, 105604	10.2	5
15	A comprehensive review on the antidiabetic activity of flavonoids targeting PTP1B and DPP-4: a structure-activity relationship analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-57	11.5	4
14	Calcium Pathways in Human Neutrophils-The Extended Effects of Thapsigargin and ML-9. <i>Cells</i> , 2018 , 7,	7.9	3
13	Uncovering novel 3-hydroxy-4-pyridinone metal ion complexes with potential anti-inflammatory properties. <i>Journal of Inorganic Biochemistry</i> , 2016 , 155, 9-16	4.2	2
12	Chalcones as Modulators of Neutrophil Oxidative Burst under Physiological and High Glucose Conditions. <i>Journal of Natural Products</i> , 2020 , 83, 3131-3140	4.9	2
11	The scavenging effect of curcumin, piperine and their combination against physiological relevant reactive pro-oxidant species using in vitro non-cellular and cellular models. <i>Chemical Papers</i> , 2021 , 75, 5269-5277	1.9	2
10	Flavonoids as Modulators of Neutrophils' Oxidative Burst: Structure-Activity Relationship 2018 , 261-276		2
9	Optimization of Experimental Settings for the Assessment of Reactive Oxygen Species Production by Human Blood. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 7198484	6.7	1
8	Styrylchromones: Biological Activities and Structure-Activity Relationship.. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 2804521	6.7	1
7	The Effect of Chalcones on the Main Sources of Reactive Species Production: Possible Therapeutic Implications in Diabetes Mellitus. <i>Current Medicinal Chemistry</i> , 2021 , 28, 1625-1669	4.3	0
6	Pro-inflammatory effects of silver nanoparticles in the intestine.. <i>Archives of Toxicology</i> , 2022 , 1	5.8	0
5	Modulation of Human Neutrophils Oxidative Burst by Hydroxylated 2-Styrylchromones: The Relevance of the Catechol Group. <i>Biology and Life Sciences Forum</i> , 2021 , 7, 8		
4	Antioxidant and Pro-oxidant Activities of Carotenoids. <i>Reference Series in Phytochemistry</i> , 2021 , 1-27	0.7	
3	Inflammatory Pathways and In Vivo Studies of Inflammatory Bowel Disease. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021 , 1-23	0.2	
2	Insights on the Potential Preventive and Healing Effects of Flavonoids in Inflammatory Bowel Disease. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021 , 38-66	0.2	

- 1 Antioxidant and Pro-oxidant Activities of Carotenoids. *Reference Series in Phytochemistry*, **2022**, 123-148.7