

Daniela Ribeiro

List of Publications by Year in Descending Order

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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.

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 | 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 |
| 53 | Pro-inflammatory effects of silver nanoparticles in the intestine.. <i>Archives of Toxicology</i> , 2022 , 1 | 5.8 | 0 |
| 52 | Antioxidant and Pro-oxidant Activities of Carotenoids. <i>Reference Series in Phytochemistry</i> , 2022 , 123-148 | 0.7 | 0 |
| 51 | 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 | | |
| 50 | Antioxidant and Pro-oxidant Activities of Carotenoids. <i>Reference Series in Phytochemistry</i> , 2021 , 1-27 | 0.7 | |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | Inflammatory Pathways and In Vivo Studies of Inflammatory Bowel Disease. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021 , 1-23 | 0.2 | |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 | |
| 42 | Styrylchromones: Biological Activities and Structure-Activity Relationship.. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 2804521 | 6.7 | 1 |
| 41 | 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 |
| 40 | 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 |
| 39 | A Systematic Review on Anti-diabetic Properties of Chalcones. <i>Current Medicinal Chemistry</i> , 2020 , 27, 2257-2321 | 4.3 | 26 |
| 38 | 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 |

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| 37 | Bioactive properties of Acacia dealbata flowers extracts. <i>Waste and Biomass Valorization</i> , 2020 , 11, 2549-2557 | 9 | 32 |
| 36 | Evaluation of a flavonoids library for inhibition of pancreatic Amylase towards a structure-activity relationship. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019 , 34, 577-588 | 5.6 | 53 |
| 35 | 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 |
| 34 | A study towards drug discovery for the management of type 2 diabetes mellitus through inhibition of the carbohydrate-hydrolyzing enzymes Amylase and Glucosidase by chalcone derivatives. <i>Food and Function</i> , 2019 , 10, 5510-5520 | 6.1 | 20 |
| 33 | 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 |
| 32 | 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 |
| 31 | Antioxidant and pro-oxidant activities of carotenoids and their oxidation products. <i>Food and Chemical Toxicology</i> , 2018 , 120, 681-699 | 4.7 | 85 |
| 30 | 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 |
| 29 | Flavonoids as Modulators of Neutrophils' Oxidative Burst: Structure-Activity Relationship 2018 , 261-276 | | 2 |
| 28 | Calcium Pathways in Human Neutrophils-The Extended Effects of Thapsigargin and ML-9. <i>Cells</i> , 2018 , 7, | 7.9 | 3 |
| 27 | 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 |
| 26 | Chlorinated Flavonoids Modulate the Inflammatory Process in Human Blood. <i>Inflammation</i> , 2017 , 40, 1155-1165 | 5.1 | 7 |
| 25 | 2,3-Diaryl-xanthenes as Potential Inhibitors of Arachidonic Acid Metabolic Pathways. <i>Inflammation</i> , 2017 , 40, 956-964 | 5.1 | 7 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | Biophysics in cancer: The relevance of drug-membrane interaction studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 2231-2244 | 3.8 | 102 |

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| 19 | 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 |
| 18 | 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 |
| 17 | <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 |
| 16 | Ochratoxin A activates neutrophils and kills these cells through necrosis, an effect eliminated through its conversion into ochratoxin. <i>Toxicology</i> , 2016 , 368-369, 91-102 | 4.4 | 17 |
| 15 | 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 |
| 14 | Proinflammatory Pathways: The Modulation by Flavonoids. <i>Medicinal Research Reviews</i> , 2015 , 35, 877-936 | 4.4 | 65 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | Inhibition of LOX by flavonoids: a structure-activity relationship study. <i>European Journal of Medicinal Chemistry</i> , 2014 , 72, 137-45 | 6.8 | 66 |
| 9 | 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 |
| 8 | 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 |
| 7 | Modulation of human neutrophils' oxidative burst by flavonoids. <i>European Journal of Medicinal Chemistry</i> , 2013 , 67, 280-92 | 6.8 | 39 |
| 6 | 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 |
| 5 | Acetaminophen prevents oxidative burst and delays apoptosis in human neutrophils. <i>Toxicology Letters</i> , 2013 , 219, 170-7 | 4.4 | 14 |
| 4 | 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 |
| 3 | 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 |
| 2 | Antioxidant activity of unexplored indole derivatives: synthesis and screening. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4869-78 | 6.8 | 74 |

- 1 Synthesis and antioxidant properties of new chromone derivatives. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 7218-26 3.4 51