Daniela Ribeiro

List of Publications by Year
in descending order

93 papers	2,822 citations	172457 29 h-index	197818 49 g-index
97 all docs	97 docs citations	97 times ranked	4266 citing authors

#	Article	IF	Citations
1	Flavonoids as potential agents in the management of type 2 diabetes through the modulation of Î±-amylase and Î±-glucosidase activity: a review. Critical Reviews in Food Science and Nutrition, 2022, 62, 3137-3207.	10.3	67
2	A comprehensive review on the antidiabetic activity of flavonoids targeting PTP1B and DPP-4: a structure-activity relationship analysis. Critical Reviews in Food Science and Nutrition, 2022, 62, 4095-4151.	10.3	19
3	Emerging roles of peroxisomes in viral infections. Trends in Cell Biology, 2022, 32, 124-139.	7.9	27
4	Chalcones as Scavengers of HOCl and Inhibitors of Oxidative Burst: Structure-Activity Relationship Studies. Medicinal Chemistry, 2022, 18, 88-96.	1.5	5
5	2-Styrylchromones: Cytotoxicity and Modulation of Human Neutrophilsâ€™ Oxidative Burst. Pharmaceuticals, 2022, 15, 288.	3.8	2
6	Sustainable Valorization of Tomato By-Products to Obtain Bioactive Compounds: Their Potential in Inflammation and Cancer Management. Molecules, 2022, 27, 1701.	3.8	31
7	Pro-inflammatory effects of silver nanoparticles in the intestine. Archives of Toxicology, 2022, 96, 1551-1571.	4.2	6
8	Antioxidant and Pro-oxidant Activities of Carotenoids. Reference Series in Phytochemistry, 2022, , 123-148.	0.4	1
9	Inflammatory Pathways and In Vivo Studies of Inflammatory Bowel Disease. Advances in Medical Diagnosis, Treatment, and Care, 2021, , 1-23.	0.1	0
10	Sustainability and Slovenian Karst Landscapes: Evaluation of a Low Karst Plain. Sustainability, 2021, 13, 1655.	3.2	4
11	The Effect of Chalcones on the Main Sources of Reactive Species Production: Possible Therapeutic Implications in Diabetes Mellitus. Current Medicinal Chemistry, 2021, 28, 1625-1669.	2.4	1
12	Transition and Transformation of a Rural Landscape: Abandonment and Rewilding. Sustainability, 2021, 13, 5130.	3.2	3
13	Influence of wetting behavior on the morphology of droplet impacts onto dry smooth surfaces. Physics of Fluids, 2021, 33, .	4.0	12
14	The scavenging effect of curcumin, piperine and their combination against physiological relevant reactive pro-oxidant species using in vitro non-cellular and cellular models. Chemical Papers, 2021, 75, 5269-5277.	2.2	7
15	Nano-based drug delivery systems used as vehicles to enhance polyphenols therapeutic effect for diabetes mellitus treatment. Pharmacological Research, 2021, 169, 105604.	7.1	17
16	Insights on the Potential Preventive and Healing Effects of Flavonoids in Inflammatory Bowel Disease. Advances in Medical Diagnosis, Treatment, and Care, 2021, , 38-66.	0.1	0
17	Measurement of the lamella thickness during droplet impact onto differently wettable smooth surfaces using an extension of the LASER Pattern Shift Method with naturally occurring patterns. Review of Scientific Instruments, 2021, 92, 105111.	1.3	4
18	Modulation of Human Neutrophilsâ€™ Oxidative Burst by Hydroxylated 2-Styrylchromones: The Relevance of the Catechol Group. Biology and Life Sciences Forum, 2021, 7, 8.	0.6	0

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19	Styrylchromones: Biological Activities and Structure-Activity Relationship. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-47.	4.0	5
20	Bioactive properties of Acacia dealbata flowers extracts. Waste and Biomass Valorization, 2020, 11, 2549-2557.	3.4	14
21	Insights into Single Droplet Impact Models upon Liquid Films Using Alternative Fuels for Aero-Engines. Applied Sciences (Switzerland), 2020, 10, 6698.	2.5	12
22	Chalcones as Modulators of Neutrophil Oxidative Burst under Physiological and High Glucose Conditions. Journal of Natural Products, 2020, 83, 3131-3140.	3.0	5
23	A study of droplet deformation: The effect of crossflow velocity on jet fuel and biofuel droplets impinging onto a dry smooth surface. Fuel, 2020, 279, 118321.	6.4	9
24	Structural Specificity of Flavonoids in the Inhibition of Human Fructose 1,6-Bisphosphatase. Journal of Natural Products, 2020, 83, 1541-1552.	3.0	14
25	Morphology of Bubble Formation on Droplet Impact upon Thin Liquid Layers. , 2020, , .		2
26	3D Simulations of Droplets Impacting Liquid Films: Crown Parameters Measurements. , 2020, , .		2
27	Emerging Roles of tRNAs in RNA Virus Infections. Trends in Biochemical Sciences, 2020, 45, 794-805.	7.5	33
28	Peroxisomes as Platforms for Cytomegalovirusâ€™ Evasion from Cellular Antiviral Signaling. Proceedings (mdpi), 2020, 50, .	0.2	0
29	Hepatitis C Virus: Evading the Intracellular Innate Immunity. Journal of Clinical Medicine, 2020, 9, 790.	2.4	24
30	The Interplay between Antiviral Signalling and Carcinogenesis in Human Papillomavirus Infections. Cancers, 2020, 12, 646.	3.7	34
31	Î²-Carotene and its physiological metabolites: Effects on oxidative status regulation and genotoxicity in in vitro models. Food and Chemical Toxicology, 2020, 141, 111392.	3.6	18
32	A Systematic Review on Anti-diabetic Properties of Chalcones. Current Medicinal Chemistry, 2020, 27, 2257-2321.	2.4	59
33	Peroxisomes and Innate Immunity: Antiviral Response and Beyond. International Journal of Molecular Sciences, 2019, 20, 3795.	4.1	38
34	A study towards drug discovery for the management of type 2 diabetes mellitus through inhibition of the carbohydrate-hydrolyzing enzymes Î±-amylase and Î±-glucosidase by chalcone derivatives. Food and Function, 2019, 10, 5510-5520.	4.6	41
35	New phenolic cinnamic acid derivatives as selective COX-2 inhibitors. Design, synthesis, biological activity and structure-activity relationships. Bioorganic Chemistry, 2019, 91, 103179.	4.1	29
36	The dipeptidyl peptidase-4 inhibitory effect of flavonoids is hindered in protein rich environments. Food and Function, 2019, 10, 5718-5731.	4.6	19

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37	Cellular Proteostasis During Influenza A Virus Infectionâ€"Friend or Foe?. Cells, 2019, 8, 228.	4.1	18
38	Evaluation of a flavonoids library for inhibition of pancreatic Î±-amylase towards a structureâ€"activity relationship. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 577-588.	5.2	100
39	Optimization of Experimental Settings for the Assessment of Reactive Oxygen Species Production by Human Blood. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	4.0	4
40	Aerodynamic Breakup of a Single Droplet due to a Crossflowed Airstream. , 2019, , .		2
41	Comparative Study of Droplet Impact onto Sloped Surface versus a Droplet Impact onto a Surface with a Crossflow. , 2019, , .		2
42	Understanding Prostate Cancer Cells Metabolome: A Spectroscopic Approach. Current Metabolomics, 2019, 6, 218-224.	0.5	6
43	Assessment of land-use changes and their impacts on ecosystem services in two Slovenian rural landscapes. Acta Geographica Slovenica, 2019, 59, .	0.7	19
44	EXPERIMENTAL AND NUMERICAL STUDY OF SINGLE DROPLETS IMPINGING UPON LIQUID FILMS. , 2019, , .		2
45	A role for Mitochondrial Rho GTPase 1 (MIRO1) in motility and membrane dynamics of peroxisomes. Traffic, 2018, 19, 229-242.	2.7	74
46	Inhibition of protein tyrosine phosphatase 1B by flavonoids: A structure - activity relationship study. Food and Chemical Toxicology, 2018, 111, 474-481.	3.6	44
47	Flavonoids as Modulators of Neutrophils' Oxidative Burst: Structure-Activity Relationship. , 2018, , 261-276.		2
48	Calcium Pathways in Human Neutrophilsâ€"The Extended Effects of Thapsigargin and ML-9. Cells, 2018, 7, 204.	4.1	14
49	Immunomodulatory Effects of Flavonoids in the Prophylaxis and Treatment of Inflammatory Bowel Diseases: A Comprehensive Review. Current Medicinal Chemistry, 2018, 25, 3374-3412.	2.4	29
50	The Interplay between Human Cytomegalovirus and Pathogen Recognition Receptor Signaling. Viruses, 2018, 10, 514.	3.3	19
51	Modelling habitats in karst landscape by integrating remote sensing and topography data. Open Geosciences, 2018, 10, 137-156.	1.7	4
52	Mapping War Geoheritage: Recognising Geomorphological Traces of War. Open Geosciences, 2018, 10, 385-394.	1.7	13
53	Antioxidant and pro-oxidant activities of carotenoids and their oxidation products. Food and Chemical Toxicology, 2018, 120, 681-699.	3.6	152
54	Chlorinated Flavonoids Modulate the Inflammatory Process in Human Blood. Inflammation, 2017, 40, 1155-1165.	3.8	14

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55	Predicting the targeting of tail-anchored proteins to subcellular compartments in mammalian cells. Journal of Cell Science, 2017, 130, 1675-1687.	2.0	94
56	2,3-Diarylxanthones as Potential Inhibitors of Arachidonic Acid Metabolic Pathways. Inflammation, 2017, 40, 956-964.	3.8	12
57	Î±-Glucosidase inhibition by flavonoids: an in vitro and in silico structureâ€“activity relationship study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1216-1228.	5.2	274
58	Chemical characterization and protective effect of the Bactris setosa Mart. fruit against oxidative/nitrosative stress. Food Chemistry, 2017, 220, 427-437.	8.2	26
59	Vegetation as the Bioindicator of Human-induced Degradation in Karst Landscape: Case Study of Waste-filled Dolines. Acta Carsologica, 2017, 46, .	0.7	9
60	Peroxisomes are platforms for cytomegalovirusâ€™ evasion from the cellular immune response. Scientific Reports, 2016, 6, 26028.	3.3	38
61	Novel chromone and xanthone derivatives: Synthesis and ROS/RNS scavenging activities. European Journal of Medicinal Chemistry, 2016, 115, 381-392.	5.5	42
62	In vitro bioactive properties of phlorotannins recovered from hydrothermal treatment of Sargassum muticum. Separation and Purification Technology, 2016, 167, 117-126.	7.9	30
63	Citharexylum solanaceum fruit extracts: Profiles of phenolic compounds and carotenoids and their relation with ROS and RNS scavenging capacities. Food Research International, 2016, 86, 24-33.	6.2	18
64	Ochratoxin A activates neutrophils and kills these cells through necrosis, an effect eliminated through its conversion into ochratoxin Î±. Toxicology, 2016, 368-369, 91-102.	4.2	23
65	Hepatitis C virus <scp>NS</scp>3â€4A inhibits the peroxisomal <scp>MAVS</scp>â€dependent antiviral signalling response. Journal of Cellular and Molecular Medicine, 2016, 20, 750-757.	3.6	49
66	Size-dependent cytotoxicity of silver nanoparticles in human neutrophils assessed by multiple analytical approaches. Life Sciences, 2016, 145, 247-254.	4.3	56
67	Uncovering novel 3-hydroxy-4-pyridinone metal ion complexes with potential anti-inflammatory properties. Journal of Inorganic Biochemistry, 2016, 155, 9-16.	3.5	4
68	Transferability of a predictive Robinia pseudacacia distribution model in northeast Slovenia. Acta Geographica Slovenica, 2016, 56, .	0.7	4
69	Integrated Analysis of Biological Samples by Imaging Flow Cytometry. Microscopy and Microanalysis, 2015, 21, 95-96.	0.4	1
70	Synthesis and evaluation of new benzimidazole-based COX inhibitors: a naproxen-like interaction detected by STD-NMR. RSC Advances, 2015, 5, 49098-49109.	3.6	16
71	Localization of <scp>MCT</scp>2 at peroxisomes is associated with malignant transformation in prostate cancer. Journal of Cellular and Molecular Medicine, 2015, 19, 723-733.	3.6	58
72	Stem bark and flower extracts ofVismia cauliflorаare highly effective antioxidants to human blood cells by preventing oxidative burst in neutrophils and oxidative damage in erythrocytes. Pharmaceutical Biology, 2015, 53, 1691-1698.	2.9	10

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73	Proinflammatory Pathways: The Modulation by Flavonoids. Medicinal Research Reviews, 2015, 35, 877-936.	10.5	94
74	Flavonoids Inhibit COX-1 and COX-2 Enzymes and Cytokine/Chemokine Production in Human Whole Blood. Inflammation, 2015, 38, 858-870.	3.8	92
75	Inhibition of LOX by flavonoids: a structureâ€“activity relationship study. European Journal of Medicinal Chemistry, 2014, 72, 137-145.	5.5	87
76	Synthesis of chlorinated flavonoids with anti-inflammatory and pro-apoptotic activities in human neutrophils. European Journal of Medicinal Chemistry, 2014, 86, 153-164.	5.5	44
77	Infusion, decoction and hydroalcoholic extracts of leaves from artichoke (Cynara cardunculus L.) Tj ETQq1 1 0.784314 rgBT /Overloc International, 2014, 64, 150-156.	6.2	51
78	Characterization of monocarboxylate transporters (MCTs) expression in soft tissue sarcomas: distinct prognostic impact of MCT1 sub-cellular localization. Journal of Translational Medicine, 2014, 12, 118.	4.4	29
79	Modulation of human neutrophils' oxidative burst by flavonoids. European Journal of Medicinal Chemistry, 2013, 67, 280-292.	5.5	48
80	The Cytosolic Nucleoprotein of the Plant-Infecting Bunyavirus Tomato Spotted Wilt Recruits Endoplasmic Reticulumâ€“Resident Proteins to Endoplasmic Reticulum Export Sites. Plant Cell, 2013, 25, 3602-3614.	6.6	22
81	Potential use of Cytisus scoparius extracts in topical applications for skin protection against oxidative damage. Journal of Photochemistry and Photobiology B: Biology, 2013, 125, 83-89.	3.8	24
82	Acetaminophen prevents oxidative burst and delays apoptosis in human neutrophils. Toxicology Letters, 2013, 219, 170-177.	0.8	17
83	Four windows on Borderlands: Dimensions of place defined by land cover change data from historical maps. Acta Geographica Slovenica, 2013, 53, 317-342.	0.7	11
84	Self-Interaction of Human Pex11pÎ² during Peroxisomal Growth and Division. PLoS ONE, 2013, 8, e53424.	2.5	24
85	Recognition of the invasive species Robinia pseudacacia from combined remote sensing and GIS sources. Biological Conservation, 2012, 150, 59-67.	4.1	38
86	2,3-Diarylxanthones as strong scavengers of reactive oxygen and nitrogen species: A structureâ€“activity relationship study. Bioorganic and Medicinal Chemistry, 2010, 18, 6776-6784.	3.0	25
87	Antioxidant activity of unexplored indole derivatives: Synthesis and screening. European Journal of Medicinal Chemistry, 2010, 45, 4869-4878.	5.5	110
88	Scavenging of reactive oxygen and nitrogen species by the prodrug sulfasalazine and its metabolites 5-aminosalicylic acid and sulfapyridine. Redox Report, 2010, 15, 259-267.	4.5	47
89	Tomato spotted wilt virus nucleocapsid protein interacts with both viral glycoproteins Gn and Gc in planta. Virology, 2009, 383, 121-130.	2.4	61
90	Requirements for ERâ€Arrest and Sequential Exit to the Golgi of Tomato Spotted Wilt Virus Glycoproteins. Traffic, 2009, 10, 664-672.	2.7	23

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91	Synthesis and antioxidant properties of new chromone derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 7218-7226.	3.0	66
92	Tomato spotted wilt virus glycoproteins induce the formation of endoplasmic reticulum- and Golgi-derived pleomorphic membrane structures in plant cells. Journal of General Virology, 2008, 89, 1811-1818.	2.9	54
93	Small-size silver nanoparticles stimulate neutrophil oxidative burst through an increase of intracellular calcium levels. World Academy of Sciences Journal, 0, , .	0.6	2