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	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
2	Antioxidant and pro-oxidant activities of carotenoids and their oxidation products. Food and Chemical Toxicology, 2018, 120, 681-699.	3.6	152
3	Antioxidant activity of unexplored indole derivatives: Synthesis and screening. European Journal of Medicinal Chemistry, 2010, 45, 4869-4878.	5.5	110
4	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
5	Proinflammatory Pathways: The Modulation by Flavonoids. Medicinal Research Reviews, 2015, 35, 877-936.	10.5	94
6	Predicting the targeting of tail-anchored proteins to subcellular compartments in mammalian cells. Journal of Cell Science, 2017, 130, 1675-1687.	2.0	94
7	Flavonoids Inhibit COX-1 and COX-2 Enzymes and Cytokine/Chemokine Production in Human Whole Blood. Inflammation, 2015, 38, 858-870.	3.8	92
8	Inhibition of LOX by flavonoids: a structureâ€“activity relationship study. European Journal of Medicinal Chemistry, 2014, 72, 137-145.	5.5	87
9	A role for Mitochondrial Rho GTPase 1 (MIRO1) in motility and membrane dynamics of peroxisomes. Traffic, 2018, 19, 229-242.	2.7	74
10	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
11	Synthesis and antioxidant properties of new chromone derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 7218-7226.	3.0	66
12	Tomato spotted wilt virus nucleocapsid protein interacts with both viral glycoproteins Gn and Gc in planta. Virology, 2009, 383, 121-130.	2.4	61
13	A Systematic Review on Anti-diabetic Properties of Chalcones. Current Medicinal Chemistry, 2020, 27, 2257-2321.	2.4	59
14	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
15	Size-dependent cytotoxicity of silver nanoparticles in human neutrophils assessed by multiple analytical approaches. Life Sciences, 2016, 145, 247-254.	4.3	56
16	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
17	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
18	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

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19	Modulation of human neutrophils' oxidative burst by flavonoids. European Journal of Medicinal Chemistry, 2013, 67, 280-292.	5.5	48
20	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
21	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
22	Inhibition of protein tyrosine phosphatase 1B by flavonoids: A structure - activity relationship study. Food and Chemical Toxicology, 2018, 111, 474-481.	3.6	44
23	Novel chromone and xanthone derivatives: Synthesis and ROS/RNS scavenging activities. European Journal of Medicinal Chemistry, 2016, 115, 381-392.	5.5	42
24	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
25	Recognition of the invasive species Robinia pseudacacia from combined remote sensing and GIS sources. Biological Conservation, 2012, 150, 59-67.	4.1	38
26	Peroxisomes are platforms for cytomegalovirusâ€™ evasion from the cellular immune response. Scientific Reports, 2016, 6, 26028.	3.3	38
27	Peroxisomes and Innate Immunity: Antiviral Response and Beyond. International Journal of Molecular Sciences, 2019, 20, 3795.	4.1	38
28	The Interplay between Antiviral Signalling and Carcinogenesis in Human Papillomavirus Infections. Cancers, 2020, 12, 646.	3.7	34
29	Emerging Roles of tRNAs in RNA Virus Infections. Trends in Biochemical Sciences, 2020, 45, 794-805.	7.5	33
30	Sustainable Valorization of Tomato By-Products to Obtain Bioactive Compounds: Their Potential in Inflammation and Cancer Management. Molecules, 2022, 27, 1701.	3.8	31
31	In vitro bioactive properties of phlorotannins recovered from hydrothermal treatment of Sargassum muticum. Separation and Purification Technology, 2016, 167, 117-126.	7.9	30
32	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
33	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
34	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
35	Emerging roles of peroxisomes in viral infections. Trends in Cell Biology, 2022, 32, 124-139.	7.9	27
36	Chemical characterization and protective effect of the Bactris setosa Mart. fruit against oxidative/nitrosative stress. Food Chemistry, 2017, 220, 427-437.	8.2	26

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37	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
38	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
39	Hepatitis C Virus: Evading the Intracellular Innate Immunity. Journal of Clinical Medicine, 2020, 9, 790.	2.4	24
40	Self-Interaction of Human Pex11pÎ² during Peroxisomal Growth and Division. PLoS ONE, 2013, 8, e53424.	2.5	24
41	Requirements for ERâ€Arrest and Sequential Exit to the Golgi of Tomato Spotted Wilt Virus Glycoproteins. Traffic, 2009, 10, 664-672.	2.7	23
42	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
43	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
44	The Interplay between Human Cytomegalovirus and Pathogen Recognition Receptor Signaling. Viruses, 2018, 10, 514.	3.3	19
45	The dipeptidyl peptidase-4 inhibitory effect of flavonoids is hindered in protein rich environments. Food and Function, 2019, 10, 5718-5731.	4.6	19
46	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
47	Assessment of land-use changes and their impacts on ecosystem services in two Slovenian rural landscapes. Acta Geographica Slovenica, 2019, 59, .	0.7	19
48	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
49	Cellular Proteostasis During Influenza A Virus Infectionâ€”Friend or Foe?. Cells, 2019, 8, 228.	4.1	18
50	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
51	Acetaminophen prevents oxidative burst and delays apoptosis in human neutrophils. Toxicology Letters, 2013, 219, 170-177.	0.8	17
52	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
53	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
54	Chlorinated Flavonoids Modulate the Inflammatory Process in Human Blood. Inflammation, 2017, 40, 1155-1165.	3.8	14

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55	Calcium Pathways in Human Neutrophilsâ€"The Extended Effects of Thapsigargin and ML-9. Cells, 2018, 7, 204.	4.1	14
56	Bioactive properties of Acacia dealbata flowers extracts. Waste and Biomass Valorization, 2020, 11, 2549-2557.	3.4	14
57	Structural Specificity of Flavonoids in the Inhibition of Human Fructose 1,6-Bisphosphatase. Journal of Natural Products, 2020, 83, 1541-1552.	3.0	14
58	Mapping War Geoheritage: Recognising Geomorphological Traces of War. Open Geosciences, 2018, 10, 385-394.	1.7	13
59	2,3-Diarylxanthones as Potential Inhibitors of Arachidonic Acid Metabolic Pathways. Inflammation, 2017, 40, 956-964.	3.8	12
60	Insights into Single Droplet Impact Models upon Liquid Films Using Alternative Fuels for Aero-Engines. Applied Sciences (Switzerland), 2020, 10, 6698.	2.5	12
61	Influence of wetting behavior on the morphology of droplet impacts onto dry smooth surfaces. Physics of Fluids, 2021, 33, .	4.0	12
62	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
63	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
64	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
65	Vegetation as the Bioindicator of Human-induced Degradation in Karst Landscape: Case Study of Waste-filled Dolines. Acta Carsologica, 2017, 46, .	0.7	9
66	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
67	Understanding Prostate Cancer Cells Metabolome: A Spectroscopic Approach. Current Metabolomics, 2019, 6, 218-224.	0.5	6
68	Pro-inflammatory effects of silver nanoparticles in the intestine. Archives of Toxicology, 2022, 96, 1551-1571.	4.2	6
69	Chalcones as Modulators of Neutrophil Oxidative Burst under Physiological and High Glucose Conditions. Journal of Natural Products, 2020, 83, 3131-3140.	3.0	5
70	Chalcones as Scavengers of HOCl and Inhibitors of Oxidative Burst: Structure-Activity Relationship Studies. Medicinal Chemistry, 2022, 18, 88-96.	1.5	5
71	Styrylchromones: Biological Activities and Structure-Activity Relationship. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-47.	4.0	5
72	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

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73	Modelling habitats in karst landscape by integrating remote sensing and topography data. Open Geosciences, 2018, 10, 137-156.	1.7	4
74	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
75	Sustainability and Slovenian Karst Landscapes: Evaluation of a Low Karst Plain. Sustainability, 2021, 13, 1655.	3.2	4
76	Transferability of a predictive Robinia pseudacacia distribution model in northeast Slovenia. Acta Geographica Slovenica, 2016, 56, .	0.7	4
77	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
78	Transition and Transformation of a Rural Landscape: Abandonment and Rewilding. Sustainability, 2021, 13, 5130.	3.2	3
79	Flavonoids as Modulators of Neutrophils' Oxidative Burst: Structure-Activity Relationship. , 2018, , 261-276.		2
80	Aerodynamic Breakup of a Single Droplet due to a Crossflowed Airstream. , 2019, , .		2
81	Comparative Study of Droplet Impact onto Sloped Surface versus a Droplet Impact onto a Surface with a Crossflow. , 2019, , .		2
82	Morphology of Bubble Formation on Droplet Impact upon Thin Liquid Layers. , 2020, , .		2
83	3D Simulations of Droplets Impacting Liquid Films: Crown Parameters Measurements. , 2020, , .		2
84	EXPERIMENTAL AND NUMERICAL STUDY OF SINGLE DROPLETS IMPINGING UPON LIQUID FILMS. , 2019, , .		2
85	Small-size silver nanoparticles stimulate neutrophil oxidative burst through an increase of intracellular calcium levels. World Academy of Sciences Journal, 0, , .	0.6	2
86	2-Styrylchromones: Cytotoxicity and Modulation of Human Neutrophilsâ€™ Oxidative Burst. Pharmaceuticals, 2022, 15, 288.	3.8	2
87	Integrated Analysis of Biological Samples by Imaging Flow Cytometry. Microscopy and Microanalysis, 2015, 21, 95-96.	0.4	1
88	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
89	Antioxidant and Pro-oxidant Activities of Carotenoids. Reference Series in Phytochemistry, 2022, , 123-148.	0.4	1
90	Peroxisomes as Platforms for Cytomegalovirusâ€™ Evasion from Cellular Antiviral Signaling. Proceedings (mdpi), 2020, 50, .	0.2	0

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91	Inflammatory Pathways and In Vivo Studies of Inflammatory Bowel Disease. Advances in Medical Diagnosis, Treatment, and Care, 2021, , 1-23.	0.1	0
92	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
93	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