Ana Faria

List of Publications by Year
in descending order

91 papers	4,056 citations	136740 32 h-index	118652 62 g-index
97 all docs	97 docs citations	97 times ranked	6348 citing authors

#	Article	IF	Citations
1	Bioavailability of anthocyanins and derivatives. Journal of Functional Foods, 2014, 7, 54-66.	1.6	292
2	Polyphenols and Human Health: A Prospectus. Critical Reviews in Food Science and Nutrition, 2011, 51, 524-546.	5.4	286
3	Interplay between Anthocyanins and Gut Microbiota. Journal of Agricultural and Food Chemistry, 2014, 62, 6898-6902.	2.4	250
4	High-fat diet-induced obesity Rat model: a comparison between Wistar and Sprague-Dawley Rat. Adipocyte, 2016, 5, 11-21.	1.3	213
5	Blueberry anthocyanins in health promotion: A metabolic overview. Journal of Functional Foods, 2013, 5, 1518-1528.	1.6	182
6	Antioxidant Properties of Prepared Blueberry (Vaccinium myrtillus) Extracts. Journal of Agricultural and Food Chemistry, 2005, 53, 6896-6902.	2.4	172
7	The Bioactivity of Pomegranate: Impact on Health and Disease. Critical Reviews in Food Science and Nutrition, 2011, 51, 626-634.	5.4	159
8	Absorption of anthocyanins through intestinal epithelial cells â€“ Putative involvement of GLUT2. Molecular Nutrition and Food Research, 2009, 53, 1430-1437.	1.5	131
9	Insights into the putative catechin and epicatechin transport across blood-brain barrier. Food and Function, 2011, 2, 39-44.	2.1	124
10	Procyanidins as Antioxidants and Tumor Cell Growth Modulators. Journal of Agricultural and Food Chemistry, 2006, 54, 2392-2397.	2.4	121
11	Flavonoid metabolites transport across a human BBB model. Food Chemistry, 2014, 149, 190-196.	4.2	104
12	Flavonoid transport across RBE4 cells: A blood-brain barrier model. Cellular and Molecular Biology Letters, 2010, 15, 234-41.	2.7	103
13	Effect of pomegranate (Punica granatum) juice intake on hepatic oxidative stress. European Journal of Nutrition, 2007, 46, 271-278.	1.8	102
14	Blueberry anthocyanins and pyruvic acid adducts: anticancer properties in breast cancer cell lines. Phytotherapy Research, 2010, 24, 1862-1869.	2.8	98
15	Modulation of breast cancer cell survival by aromatase inhibiting hop (Humulus lupulus L.) flavonoids. Journal of Steroid Biochemistry and Molecular Biology, 2007, 105, 124-130.	1.2	81
16	Quercetin and epigallocatechin gallate inhibit glucose uptake and metabolism by breast cancer cells by an estrogen receptor-independent mechanism. Experimental Cell Research, 2013, 319, 1784-1795.	1.2	78
17	Persistent organic pollutant levels in human visceral and subcutaneous adipose tissue in obese individualsâ€”Depot differences and dysmetabolism implications. Environmental Research, 2014, 133, 170-177.	3.7	75
18	Antioxidant properties of anthocyanidins, anthocyanidin-3-glucosides and respective portisins. Food Chemistry, 2010, 119, 518-523.	4.2	73

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19	Gut microbiota modulation accounts for the neuroprotective properties of anthocyanins. Scientific Reports, 2018, 8, 11341.	1.6	73
20	Experimental and Theoretical Data on the Mechanism by Which Red Wine Anthocyanins Are Transported through a Human MKN-28 Gastric Cell Model. Journal of Agricultural and Food Chemistry, 2015, 63, 7685-7692.	2.4	69
21	Influence of Anthocyanins, Derivative Pigments and Other Catechol and Pyrogallol-Type Phenolics on Breast Cancer Cell Proliferation. Journal of Agricultural and Food Chemistry, 2010, 58, 3785-3792.	2.4	68
22	Gut Microbiota Diversity and C-Reactive Protein Are Predictors of Disease Severity in COVID-19 Patients. Frontiers in Microbiology, 2021, 12, 705020.	1.5	57
23	Multiple-approach studies to assess anthocyanin bioavailability. Phytochemistry Reviews, 2015, 14, 899-919.	3.1	55
24	Effect of in vitro digestion upon the antioxidant capacity of aqueous extracts of Agrimonia eupatoria, Rubus idaeus, Salvia sp. and Satureja montana. Food Chemistry, 2012, 131, 761-767.	4.2	52
25	Anthocyanin effects on microglia M1/M2 phenotype: Consequence on neuronal fractalkine expression. Behavioural Brain Research, 2016, 305, 223-228.	1.2	44
26	Pomegranate Juice Effects on Cytochrome P450s Expression: In Vivo Studies. Journal of Medicinal Food, 2007, 10, 643-649.	0.8	42
27	GLUT1 and GLUT3 involvement in anthocyanin gastric transport- Nanobased targeted approach. Scientific Reports, 2019, 9, 789.	1.6	42
28	Effects of environmental organochlorine pesticides on human breast cancer: Putative involvement on invasive cell ability. Environmental Toxicology, 2015, 30, 168-176.	2.1	41
29	Flavonoid transport across blood-brain barrier: Implication for their direct neuroprotective actions. Nutrition and Aging (Amsterdam, Netherlands), 2012, 1, 89-97.	0.3	39
30	Endocrine Disruptor DDE Associated with a High-Fat Diet Enhances the Impairment of Liver Fatty Acid Composition in Rats. Journal of Agricultural and Food Chemistry, 2015, 63, 9341-9348.	2.4	37
31	Pharmacokinetics of blackberry anthocyanins consumed with or without ethanol: A randomized and crossover trial. Molecular Nutrition and Food Research, 2016, 60, 2319-2330.	1.5	36
32	The impact of chronic blackberry intake on the neuroinflammatory status of rats fed a standard or high-fat diet. Journal of Nutritional Biochemistry, 2015, 26, 1166-1173.	1.9	34
33	Effects of xenoestrogens in human M1 and M2 macrophage migration, cytokine release, and estrogenâ€related signaling pathways. Environmental Toxicology, 2016, 31, 1496-1509.	2.1	34
34	Adipose tissue dysfunction as a central mechanism leading to dysmetabolic obesity triggered by chronic exposure to p,pâ€™-DDE. Scientific Reports, 2017, 7, 2738.	1.6	32
35	Enzymatic Hemisynthesis of Metabolites and Conjugates of Anthocyanins. Journal of Agricultural and Food Chemistry, 2009, 57, 735-745.	2.4	29
36	Modulation of Adipocyte Biology by Î”⁹â€Tetrahydrocannabinol. Obesity, 2010, 18, 2077-2085.	1.5	28

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37	Thiamine is a substrate of organic cation transporters in Caco-2 cells. European Journal of Pharmacology, 2012, 682, 37-42.	1.7	28
38	Modulation of MPP+uptake by procyanidins in Caco-2 cells: Involvement of oxidation/reduction reactions. FEBS Letters, 2006, 580, 155-160.	1.3	27
39	Is the Phenylalanine-Restricted Diet a Risk Factor for Overweight or Obesity in Patients with Phenylketonuria (PKU)? A Systematic Review and Meta-Analysis. Nutrients, 2021, 13, 3443.	1.7	27
40	High-Fat Dietâ€“Induced Dysbiosis as a Cause of Neuroinflammation. Biological Psychiatry, 2016, 80, e3-e4.	0.7	25
41	Vitamin D-related polymorphisms and vitamin D levels as risk biomarkers of COVID-19 disease severity. Scientific Reports, 2021, 11, 20837.	1.6	25
42	A Pilot Study on the Metabolic Impact of Mediterranean Diet in Type 2 Diabetes: Is Gut Microbiota the Key?. Nutrients, 2021, 13, 1228.	1.7	24
43	Effects of Extracts of Selected Medicinal Plants upon Hepatic Oxidative Stress. Journal of Medicinal Food, 2010, 13, 131-136.	0.8	23
44	Acute Effect of Tea, Wine, Beer, and Polyphenols on ecto-Alkaline Phosphatase Activity in Human Vascular Smooth Muscle Cells. Journal of Agricultural and Food Chemistry, 2006, 54, 4982-4988.	2.4	22
45	Characterization and Modulation of Glucose Uptake in a Human Bloodâ€“Brain Barrier Model. Journal of Membrane Biology, 2013, 246, 669-677.	1.0	22
46	Inflammatory and Cardiometabolic Risk on Obesity: Role of Environmental Xenoestrogens. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1792-1801.	1.8	22
47	Xanthohumol impairs glucose uptake by a human first-trimester extravillous trophoblast cell line (HTR-8/SVneo cells) and impacts the process of placentation. Molecular Human Reproduction, 2015, 21, 803-815.	1.3	22
48	Effect of chronic consumption of blackberry extract on high-fat induced obesity in rats and its correlation with metabolic and brain outcomes. Food and Function, 2016, 7, 127-139.	2.1	21
49	Modulation of MPP+ uptake by tea and some of its components in Caco-2 cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2005, 372, 147-152.	1.4	20
50	Pharmacokinetics of table and Port red wine anthocyanins: a crossover trial in healthy men. Food and Function, 2017, 8, 2030-2037.	2.1	17
51	Human Microbiota and Immunotherapy in Breast Cancer - A Review of Recent Developments. Frontiers in Oncology, 2021, 11, 815772.	1.3	17
52	Optimization and validation of organochlorine compounds in adipose tissue by SPEâ€gas chromatography. Biomedical Chromatography, 2012, 26, 1494-1501.	0.8	15
53	A parallel increase in placental oxidative stress and antioxidant defenses occurs in pre-gestational type 1 but not gestational diabetes. Placenta, 2013, 34, 1095-1098.	0.7	15
54	Extremely preterm neonates have more Lactobacillus in meconium than very preterm neonates â€“ the in utero microbial colonization hypothesis. Gut Microbes, 2020, 12, 1785804.	4.3	15

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55	Anthocyanin content in raspberry and elderberry: The impact of cooking and recipe composition. International Journal of Gastronomy and Food Science, 2021, 24, 100316.	1.3	15
56	Impact of brominated flame retardants on lipid metabolism: An in vitro approach. Environmental Pollution, 2022, 294, 118639.	3.7	15
57	Intestinal Alkaline Phosphatase: A Review of This Enzyme Role in the Intestinal Barrier Function. Microorganisms, 2022, 10, 746.	1.6	15
58	Intestinal Oxidative State Can Alter Nutrient and Drug Bioavailability. Oxidative Medicine and Cellular Longevity, 2009, 2, 322-327.	1.9	14
59	Flavonoids as dopaminergic neuromodulators. Molecular Nutrition and Food Research, 2016, 60, 495-501.	1.5	13
60	Red wine interferes with oestrogen signalling in rat hippocampus. Journal of Steroid Biochemistry and Molecular Biology, 2008, 111, 74-79.	1.2	11
61	Pomegranate in Human Health. , 2010, , 551-563.		11
62	Influence of Human Milk on Very Pretermsâ€™ Gut Microbiota and Alkaline Phosphatase Activity. Nutrients, 2021, 13, 1564.	1.7	11
63	Influence of anthocyanins and derivative pigments from blueberry (Vaccinium myrtillus) extracts on MPP+ intestinal uptake: A structureâ€“activity approach. Food Chemistry, 2008, 109, 587-594.	4.2	9
64	Impact of culture media glucose levels on the intestinal uptake of organic cations. Cytotechnology, 2010, 62, 23-29.	0.7	9
65	Bioavailability of Anthocyanins. , 2013, , 2465-2487.		8
66	Nutrition Education in Portuguese Medical Students: Impact on the Attitudes and Knowledge. Acta Medica Portuguesa, 2020, 33, 246.	0.2	7
67	Impact of Beer and Nonalcoholic Beer Consumption on the Gut Microbiota: A Randomized, Double-Blind, Controlled Trial. Journal of Agricultural and Food Chemistry, 2022, 70, 13062-13070.	2.4	7
68	Methotrexate enhances 3T3-L1 adipocytes hypertrophy. Cell Biology and Toxicology, 2013, 29, 293-302.	2.4	6
69	Effects of Environmental Pollutants on MCF-7 Cells: A Metabolic Approach. Journal of Cellular Biochemistry, 2017, 118, 366-375.	1.2	6
70	FEEDMI: A Study Protocol to Determine the Influence of Infant-Feeding on Very-Preterm-Infantâ€™s Gut Microbiota. Neonatology, 2019, 116, 179-184.	0.9	6
71	Influence of rye flour enzymatic biotransformation on the antioxidant capacity and transepithelial transport of phenolic acids. Food and Function, 2018, 9, 1889-1898.	2.1	5
72	Colonisation of the proximal intestinal remnant in newborn infants with enterostomy: a longitudinal study protocol. BMJ Open, 2019, 9, e028916.	0.8	5

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73	Comment on Safety and Antioxidant Activity of a Pomegranate Ellagitannin-Enriched Polyphenol Dietary Supplement in Overweight Individuals with Increased Waist Size. Journal of Agricultural and Food Chemistry, 2008, 56, 12143-12144.	2.4	4
74	Anthocyanins: Nutrition and Health. Reference Series in Phytochemistry, 2018, , 1-37.	0.2	4
75	Anthocyanins: Nutrition and Health. Reference Series in Phytochemistry, 2019, , 1097-1133.	0.2	4
76	Brominated flame retardants effect in MCF-7 cells: Impact on vitamin D pathway. Journal of Steroid Biochemistry and Molecular Biology, 2022, 219, 106079.	1.2	4
77	Natural Polyphenols as Anti-Oxidant, Anti-Inflammatory and Anti-Angiogenic Agents in the Metabolic Syndrome. , 2009, , 147-180.		3
78	Gestational Diabetes and Microbiota: Role of Probiotic Intervention. Acta Portuguesa De NutriÃ§Ã£o, 2018, 13, 22-26.	0.4	3
79	Physical exercise positively modulates nonalcoholic steatohepatitisâ€related hepatic endoplasmic reticulum stress. Journal of Cellular Biochemistry, 2022, 123, 1647-1662.	1.2	3
80	Effects of the environmental pesticide DDT and its metabolites on the human breast cancer cell line MCF-7. Toxicology Letters, 2010, 196, S180.	0.4	2
81	Interaction of Polyphenols with the Intestinal and Placental Absorption of some Nutrients and other Compounds. , 2014, , 523-536.		2
82	Interaction of Polyphenols With the Intestinal and Placental Absorption of Some Bioactive Compounds. , 2018, , 321-336.		2
83	Unravelling the Effect of p,pâ€²-Dichlorodiphenyldichloroethylene (DDE) in Hypertension of Wistar Rats. Journal of Agricultural and Food Chemistry, 2018, 66, 12847-12854.	2.4	1
84	Unveiling the Metabolic Effects of Glycomacropeptide. International Journal of Molecular Sciences, 2021, 22, 9731.	1.8	1
85	Is the phenylalanine-restricted diet a risk factor for overweight in patients with phenylketonuria? A Systematic Review and Meta-Analysis. Molecular Genetics and Metabolism, 2022, 136, S22.	0.5	1
86	Effects of environmental pollutants on MCF-7 cells: A metabolic approach. Toxicology Letters, 2015, 238, S381.	0.4	0
87	Gut microbial richness as an earlier biomarker of Mediterranean diet intervention in type 2 diabetes metabolic control. Proceedings of the Nutrition Society, 2021, 80, .	0.4	0
88	Antiâ€proliferative effect of hop (Humulus lupulus L.) flavonoids is linked to their aromatase inhibiting potential. FASEB Journal, 2007, 21, A363.	0.2	0
89	Absorption of anthocyanins through intestinal epithelial cells. Effect of ethanol.. FASEB Journal, 2008, 22, 701.10.	0.2	0
90	Prolonged red wine consumption changes hepatic redox status and inflammation. FASEB Journal, 2009, 23, 563.29.	0.2	0

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91	Flavanâ€3â€ols Transport Across Bloodâ€Brain Barrier. FASEB Journal, 2009, 23, 717.8.	0.2	0