

Branca M Silva

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.

86 papers	3,730 citations	36 h-index	59 g-index
91 ext. papers	4,199 ext. citations	4.9 avg, IF	5.12 L-index

#	Paper	IF	Citations
86	Antioxidants Present in Reproductive Tract Fluids and Their Relevance for Fertility. <i>Antioxidants</i> , 2021 , 10,	7.1	2
85	Endogenous and Exogenous Antioxidants As a Tool to Ameliorate Male Infertility Induced by Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2020 ,	8.4	9
84	L-Theanine promotes cultured human Sertoli cells proliferation and modulates glucose metabolism. <i>European Journal of Nutrition</i> , 2019 , 58, 2961-2970	5.2	10
83	A switch from high-fat to normal diet does not restore sperm quality but prevents metabolic syndrome. <i>Reproduction</i> , 2019 , 158, 377-387	3.8	24
82	The Action of Polyphenols in Diabetes Mellitus and Alzheimer's Disease: A Common Agent for Overlapping Pathologies. <i>Current Neuropharmacology</i> , 2019 , 17, 590-613	7.6	19
81	Nutrients, Bioactive Compounds and Bioactivity: The Health Benefits of Sweet Cherries (<i>Prunus avium</i> L.). <i>Current Nutrition and Food Science</i> , 2019 , 15, 208-227	0.7	19
80	Role of Reactive Oxygen Species in Diabetes-Induced Male Reproductive Dysfunction 2019 , 135-147		5
79	Metabolic dynamics of human Sertoli cells are differentially modulated by physiological and pharmacological concentrations of GLP-1. <i>Toxicology and Applied Pharmacology</i> , 2019 , 362, 1-8	4.6	12
78	White Tea 2019 , 437-445		3
77	Pharmacological potential of methylxanthines: Retrospective analysis and future expectations. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 2597-2625	11.5	26
76	Assessing the phenolic profile, antioxidant, antidiabetic and protective effects against oxidative damage in human erythrocytes of peaches from FundB. <i>Journal of Functional Foods</i> , 2018 , 43, 224-233	5.1	16
75	Anti-obesity potential of natural methylxanthines. <i>Journal of Functional Foods</i> , 2018 , 43, 84-94	5.1	28
74	Energetics of the Male Reproduction 2018 , 451-457		1
73	Nutritional Factors and Male Reproduction 2018 , 458-464		3
72	Pineal Gland and Melatonin Biosynthesis 2018 , 465-471		
71	Pineal Gland and Regulatory Function 2018 , 472-477		
70	8-(3-phenylpropyl)-1,3,7-triethylxanthine is a synthetic caffeine substitute with stronger metabolic modulator activity. <i>Toxicology in Vitro</i> , 2018 , 53, 114-120	3.6	2

69	Sweet cherries from FundB possess antidiabetic potential and protect human erythrocytes against oxidative damage. <i>Food Research International</i> , 2017 , 95, 91-100	7	44
68	Obesity, energy balance and spermatogenesis. <i>Reproduction</i> , 2017 , 153, R173-R185	3.8	56
67	Implications of epigallocatechin-3-gallate in cultured human Sertoli cells glycolytic and oxidative profile. <i>Toxicology in Vitro</i> , 2017 , 41, 214-222	3.6	12
66	Promising Potential of Dietary (Poly)Phenolic Compounds in the Prevention and Treatment of Diabetes Mellitus. <i>Current Medicinal Chemistry</i> , 2017 , 24, 334-354	4.3	35
65	White tea intake prevents prediabetes-induced metabolic dysfunctions in testis and epididymis preserving sperm quality. <i>Journal of Nutritional Biochemistry</i> , 2016 , 37, 83-93	6.3	28
64	The single and synergistic effects of the major tea components caffeine, epigallocatechin-3-gallate and L-theanine on rat sperm viability. <i>Food and Function</i> , 2016 , 7, 1301-5	6.1	16
63	Mammalian target of rapamycin controls glucose consumption and redox balance in human Sertoli cells. <i>Fertility and Sterility</i> , 2016 , 105, 825-833.e3	4.8	22
62	Are Polyphenols Strong Dietary Agents Against Neurotoxicity and Neurodegeneration?. <i>Neurotoxicity Research</i> , 2016 , 30, 345-66	4.3	41
61	New insights on hormones and factors that modulate Sertoli cell metabolism. <i>Histology and Histopathology</i> , 2016 , 31, 499-513	1.4	24
60	Sirtuins: Novel Players in Male Reproductive Health. <i>Current Medicinal Chemistry</i> , 2016 , 23, 1084-99	4.3	16
59	Male fertility and obesity: are ghrelin, leptin and glucagon-like peptide-1 pharmacologically relevant?. <i>Current Pharmaceutical Design</i> , 2016 , 22, 783-91	3.3	34
58	Emerging Potential of Natural Products as an Alternative Strategy to Pharmacological Agents Used Against Metabolic Disorders. <i>Current Drug Metabolism</i> , 2016 , 17, 582-97	3.5	9
57	Structure-Bioactivity Relationships of Methylxanthines: Trying to Make Sense of All the Promises and the Drawbacks. <i>Molecules</i> , 2016 , 21,	4.8	80
56	Ghrelin acts as energy status sensor of male reproduction by modulating Sertoli cells glycolytic metabolism and mitochondrial bioenergetics. <i>Molecular and Cellular Endocrinology</i> , 2016 , 434, 199-209	4.4	28
55	Pioglitazone increases the glycolytic efficiency of human Sertoli cells with possible implications for spermatogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 79, 52-60	5.6	22
54	Daily consumption of white tea (<i>Camellia sinensis</i> (L.)) improves the cerebral cortex metabolic and oxidative profile in prediabetic Wistar rats. <i>British Journal of Nutrition</i> , 2015 , 113, 832-42	3.6	27
53	White tea consumption restores sperm quality in prediabetic rats preventing testicular oxidative damage. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 544-56	4	53
52	Dehydroepiandrosterone and 7-oxo-dehydroepiandrosterone in male reproductive health: Implications of differential regulation of human Sertoli cells metabolic profile. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 154, 1-11	5.1	9

51	Leptin modulates human Sertoli cells acetate production and glycolytic profile: a novel mechanism of obesity-induced male infertility?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 1824-32	6.9	51
50	The progression from a lower to a higher invasive stage of bladder cancer is associated with severe alterations in glucose and pyruvate metabolism. <i>Experimental Cell Research</i> , 2015 , 335, 91-8	4.2	51
49	Dose-dependent effects of caffeine in human Sertoli cells metabolism and oxidative profile: relevance for male fertility. <i>Toxicology</i> , 2015 , 328, 12-20	4.4	51
48	Antidiabetic Drugs: Mechanisms of Action and Potential Outcomes on Cellular Metabolism. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3606-20	3.3	38
47	White tea consumption improves cardiac glycolytic and oxidative profile of prediabetic rats. <i>Journal of Functional Foods</i> , 2015 , 14, 102-110	5.1	27
46	Tea (<i>Camellia sinensis</i> (L.)): a putative anticancer agent in bladder carcinoma?. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015 , 15, 26-36	2.2	16
45	Sperm glucose transport and metabolism in diabetic individuals. <i>Molecular and Cellular Endocrinology</i> , 2014 , 396, 37-45	4.4	46
44	Melatonin alters the glycolytic profile of Sertoli cells: implications for male fertility. <i>Molecular Human Reproduction</i> , 2014 , 20, 1067-76	4.4	48
43	White tea as a promising antioxidant medium additive for sperm storage at room temperature: a comparative study with green tea. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 608-17	5.7	41
42	Can Tea Consumption be a Safe and Effective Therapy Against Diabetes Mellitus-Induced Neurodegeneration?. <i>Current Neuropharmacology</i> , 2014 , 12, 475-89	7.6	14
41	Metabolic cooperation in testis as a pharmacological target: from disease to contraception. <i>Current Molecular Pharmacology</i> , 2014 , 7, 83-95	3.7	23
40	Natural products as modulators of spermatogenesis: the search for a male contraceptive. <i>Current Molecular Pharmacology</i> , 2014 , 7, 154-66	3.7	9
39	Glucose Transport and Metabolism in Sertoli Cell: Relevance for Male Fertility. <i>Current Chemical Biology</i> , 2014 , 7, 282-293	0.4	14
38	Characterization of <i>Ficus carica</i> L. cultivars by DNA and secondary metabolite analysis: Is genetic diversity reflected in the chemical composition?. <i>Food Research International</i> , 2012 , 49, 710-719	7	20
37	Targeted metabolites and biological activities of <i>Cydonia oblonga</i> Miller leaves. <i>Food Research International</i> , 2012 , 46, 496-504	7	15
36	Influence of Tunisian <i>Ficus carica</i> fruit variability in phenolic profiles and in vitro radical scavenging potential. <i>Revista Brasileira De Farmacognosia</i> , 2012 , 22, 1282-1289	2	14
35	<i>Dracaena draco</i> L. fruit: Phytochemical and antioxidant activity assessment. <i>Food Research International</i> , 2011 , 44, 2182-2189	7	26
34	Phytochemical profiles and inhibitory effect on free radical-induced human erythrocyte damage of <i>Dracaena draco</i> leaf: A potential novel antioxidant agent. <i>Food Chemistry</i> , 2011 , 124, 927-934	8.5	10

33	First report on Cydonia oblonga Miller anticancer potential: differential antiproliferative effect against human kidney and colon cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3366-70	5.7	62
32	Chemical assessment and in vitro antioxidant capacity of Ficus carica latex. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3393-8	5.7	47
31	Human cancer cell antiproliferative and antioxidant activities of Juglans regia L. <i>Food and Chemical Toxicology</i> , 2010 , 48, 441-7	4.7	202
30	Further insight into the latex metabolite profile of Ficus carica. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 10855-63	5.7	39
29	Determination of low molecular weight volatiles in Ficus carica using HS-SPME and GC/FID. <i>Food Chemistry</i> , 2010 , 121, 1289-1295	8.5	37
28	Green tea: A promising anticancer agent for renal cell carcinoma. <i>Food Chemistry</i> , 2010 , 122, 49-54	8.5	38
27	Volatile profiling of Ficus carica varieties by HS-SPME and GC/MS. <i>Food Chemistry</i> , 2010 , 123, 548-557	8.5	59
26	Recent Patents on Camellia sinensis: Source of Health Promoting Compounds. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2010 , 1, 182-192	1.9	3
25	Evaluation of free radical-scavenging and antihemolytic activities of quince (Cydonia oblonga) leaf: a comparative study with green tea (Camellia sinensis). <i>Food and Chemical Toxicology</i> , 2009 , 47, 860-5	4.7	111
24	Protective effect of quince (Cydonia oblonga Miller) fruit against oxidative hemolysis of human erythrocytes. <i>Food and Chemical Toxicology</i> , 2009 , 47, 1372-7	4.7	85
23	Ficus carica L.: Metabolic and biological screening. <i>Food and Chemical Toxicology</i> , 2009 , 47, 2841-6	4.7	156
22	Recent patents on Camellia sinensis: source of health promoting compounds. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2009 , 1, 182-92	1.9	25
21	Relevant principal component analysis applied to the characterisation of Portuguese heather honey. <i>Natural Product Research</i> , 2008 , 22, 1560-82	2.3	17
20	Free amino acids of tronchuda cabbage (Brassica oleracea L. Var. costata DC): influence of leaf position (internal or external) and collection time. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 5216-21	5.7	19
19	Organic acids composition of Cydonia oblonga Miller leaf. <i>Food Chemistry</i> , 2008 , 111, 393-9	8.5	55
18	Comparative study on free amino acid composition of wild edible mushroom species. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 10973-9	5.7	33
17	Homo-monoterpenic compounds as chemical markers for Cydonia oblonga Miller. <i>Food Chemistry</i> , 2007 , 100, 331-338	8.5	6
16	Phenolic profile of Cydonia oblonga Miller leaves. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 7926-30	5.7	66

15	Principal component analysis as tool of characterization of quince (<i>Cydonia oblonga</i> Miller) jam. <i>Food Chemistry</i> , 2006 , 94, 504-512	8.5	36
14	Analysis and quantification of flavonoidic compounds from Portuguese olive (<i>Olea europaea</i> L.) leaf cultivars. <i>Natural Product Research</i> , 2005 , 19, 189-95	2.3	92
13	Quantitation of nine organic acids in wild mushrooms. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 3626-30	5.7	66
12	Composition of quince (<i>Cydonia oblonga</i> Miller) seeds: phenolics, organic acids and free amino acids. <i>Natural Product Research</i> , 2005 , 19, 275-81	2.3	55
11	Quince (<i>Cydonia oblonga</i> miller) fruit characterization using principal component analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 111-22	5.7	66
10	Effect of the conservation procedure on the contents of phenolic compounds and organic acids in chanterelle (<i>Cantharellus cibarius</i>) mushroom. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 4925-31	5.7	78
9	Phenolic profiles of Portuguese olive fruits (<i>Olea europaea</i> L.): Influences of cultivar and geographical origin. <i>Food Chemistry</i> , 2005 , 89, 561-568	8.5	248
8	Free amino acid composition of quince (<i>Cydonia oblonga</i> Miller) fruit (pulp and peel) and jam. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 1201-6	5.7	38
7	Quince (<i>Cydonia oblonga</i> Miller) fruit (pulp, peel, and seed) and Jam: antioxidant activity. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 4705-12	5.7	226
6	Development and evaluation of a GC/FID method for the analysis of free amino acids in quince fruit and jam. <i>Analytical Sciences</i> , 2003 , 19, 1285-90	1.7	36
5	Approach to the study of C-glycosyl flavones by ion trap HPLC-PAD-ESI/MS/MS: application to seeds of quince (<i>Cydonia oblonga</i>). <i>Phytochemical Analysis</i> , 2003 , 14, 352-9	3.4	250
4	DEVELOPMENT AND EVALUATION OF AN HPLC/DAD METHOD FOR THE ANALYSIS OF PHENOLIC COMPOUNDS FROM OLIVE FRUITS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002 , 25, 151-160	1.3	16
3	Study of the organic acids composition of quince (<i>Cydonia oblonga</i> Miller) fruit and jam. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2313-7	5.7	82
2	Phenolic profile of quince fruit (<i>Cydonia oblonga</i> Miller) (pulp and peel). <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 4615-8	5.7	84
1	Phenolic profile in the evaluation of commercial quince jellies authenticity. <i>Food Chemistry</i> , 2000 , 71, 281-285	8.5	48