

Juan Carlos Espn

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204
papers

17,878
citations

75
h-index

129
g-index

215
ext. papers

20,251
ext. citations

5.3
avg, IF

6.91
L-index

#	Paper	IF	Citations
204	Interaction between phenolics and gut microbiota: role in human health. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 6485-501	5.7	849
203	Phenolic compounds and related enzymes as determinants of quality in fruits and vegetables. <i>Journal of the Science of Food and Agriculture</i> , 2001 , 81, 853-876	4.3	738
202	Nutraceuticals: facts and fiction. <i>Phytochemistry</i> , 2007 , 68, 2986-3008	4	581
201	Characterization of the total free radical scavenger capacity of vegetable oils and oil fractions using 2,2-diphenyl-1-picrylhydrazyl radical. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 648-56	5.7	476
200	Metabolism of antioxidant and chemopreventive ellagitannins from strawberries, raspberries, walnuts, and oak-aged wine in humans: identification of biomarkers and individual variability. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 227-35	5.7	325
199	The dietary hydrolysable tannin punicalagin releases ellagic acid that induces apoptosis in human colon adenocarcinoma Caco-2 cells by using the mitochondrial pathway. <i>Journal of Nutritional Biochemistry</i> , 2006 , 17, 611-25	6.3	323
198	Resveratrol and clinical trials: the crossroad from in vitro studies to human evidence. <i>Current Pharmaceutical Design</i> , 2013 , 19, 6064-93	3.3	321
197	The gut microbiota: A key factor in the therapeutic effects of (poly)phenols. <i>Biochemical Pharmacology</i> , 2017 , 139, 82-93	6	319
196	Anti-inflammatory properties of a pomegranate extract and its metabolite urolithin-A in a colitis rat model and the effect of colon inflammation on phenolic metabolism. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 717-25	6.3	319
195	Biological significance of urolithins, the gut microbial ellagic Acid-derived metabolites: the evidence so far. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 270418	2.3	297
194	Oleuropein and related compounds. <i>Journal of the Science of Food and Agriculture</i> , 2000 , 80, 1013-1023	4.3	290
193	The potent in vitro antioxidant ellagitannins from pomegranate juice are metabolised into bioavailable but poor antioxidant hydroxy-6H-dibenzopyran-6-one derivatives by the colonic microflora of healthy humans. <i>European Journal of Nutrition</i> , 2004 , 43, 205-20	5.2	288
192	Evaluation of the bioavailability and metabolism in the rat of punicalagin, an antioxidant polyphenol from pomegranate juice. <i>European Journal of Nutrition</i> , 2003 , 42, 18-28	5.2	265
191	Ellagitannins, ellagic acid and vascular health. <i>Molecular Aspects of Medicine</i> , 2010 , 31, 513-39	16.7	260
190	One-year supplementation with a grape extract containing resveratrol modulates inflammatory-related microRNAs and cytokines expression in peripheral blood mononuclear cells of type 2 diabetes and hypertensive patients with coronary artery disease. <i>Pharmacological Research</i> , 2013 , 73, 68-83	10.2	259
189	Iberian pig as a model to clarify obscure points in the bioavailability and metabolism of ellagitannins in humans. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 10476-85	5.7	248
188	Effect of a low dose of dietary resveratrol on colon microbiota, inflammation and tissue damage in a DSS-induced colitis rat model. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 2211-20	5.7	240

187	Varietal differences among the polyphenol profiles of seven table grape cultivars studied by LC-DAD-MS-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 5691-6	5.7	235
186	Urolithins, the rescue of "old" metabolites to understand a "new" concept: Metabotypes as a nexus among phenolic metabolism, microbiota dysbiosis, and host health status. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1500901	5.9	221
185	Ellagic acid metabolism by human gut microbiota: consistent observation of three urolithin phenotypes in intervention trials, independent of food source, age, and health status. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 6535-8	5.7	218
184	Urolithins, ellagic acid-derived metabolites produced by human colonic microflora, exhibit estrogenic and antiestrogenic activities. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 1611-20	5.7	204
183	Repeated oral administration of high doses of the pomegranate ellagitannin punicalagin to rats for 37 days is not toxic. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 3493-501	5.7	204
182	Anthocyanin-based natural colorants: a new source of antiradical activity for Foodstuff. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 1588-92	5.7	202
181	Identification of urolithin a as a metabolite produced by human colon microflora from ellagic acid and related compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5571-6	5.7	198
180	Phenolic compounds and related enzymes are not rate-limiting in browning development of fresh-cut potatoes. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 3015-23	5.7	194
179	Interactions of gut microbiota with dietary polyphenols and consequences to human health. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016 , 19, 471-476	3.8	191
178	One-year consumption of a grape nutraceutical containing resveratrol improves the inflammatory and fibrinolytic status of patients in primary prevention of cardiovascular disease. <i>American Journal of Cardiology</i> , 2012 , 110, 356-63	3	190
177	A new process to develop a cocoa powder with higher flavonoid monomer content and enhanced bioavailability in healthy humans. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 3926-35	5.7	188
176	Artichoke (<i>Cynara scolymus</i> L.) byproducts as a potential source of health-promoting antioxidant phenolics. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 3458-64	5.7	188
175	Kinetic characterization of the substrate specificity and mechanism of mushroom tyrosinase. <i>FEBS Journal</i> , 2000 , 267, 1270-9		171
174	Grape resveratrol increases serum adiponectin and downregulates inflammatory genes in peripheral blood mononuclear cells: a triple-blind, placebo-controlled, one-year clinical trial in patients with stable coronary artery disease. <i>Cardiovascular Drugs and Therapy</i> , 2013 , 27, 37-48	3.9	159
173	An easy and fast test to compare total free radical scavenger capacity of Foodstuffs. <i>Phytochemical Analysis</i> , 2000 , 11, 330-338	3.4	157
172	Alternative method for gas chromatography-mass spectrometry analysis of short-chain fatty acids in faecal samples. <i>Journal of Separation Science</i> , 2012 , 35, 1906-13	3.4	156
171	NF-kappaB-dependent anti-inflammatory activity of urolithins, gut microbiota ellagic acid-derived metabolites, in human colonic fibroblasts. <i>British Journal of Nutrition</i> , 2010 , 104, 503-12	3.6	153
170	Description of urolithin production capacity from ellagic acid of two human intestinal <i>Gordonibacter</i> species. <i>Food and Function</i> , 2014 , 5, 1779-84	6.1	152

169	Targeted metabolic profiling of pomegranate polyphenols and urolithins in plasma, urine and colon tissues from colorectal cancer patients. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1199-211	5.9	149
168	Phenolic compounds and fatty acids from acorns (<i>Quercus</i> spp.), the main dietary constituent of free-ranged Iberian pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 6248-55	5.7	146
167	Occurrence of urolithins, gut microbiota ellagic acid metabolites and proliferation markers expression response in the human prostate gland upon consumption of walnuts and pomegranate juice. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 311-22	5.9	145
166	Postharvest induction modeling method using UV irradiation pulses for obtaining resveratrol-enriched table grapes: a new "functional" fruit?. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 5052-8	5.7	143
165	Consumption of a grape extract supplement containing resveratrol decreases oxidized LDL and ApoB in patients undergoing primary prevention of cardiovascular disease: a triple-blind, 6-month follow-up, placebo-controlled, randomized trial. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 810-21	5.9	141
164	Postharvest UV-C-irradiated grapes as a potential source for producing stilbene-enriched red wines. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 1208-14	5.7	132
163	Ellagitannin metabolites, urolithin A glucuronide and its aglycone urolithin A, ameliorate TNF- α -induced inflammation and associated molecular markers in human aortic endothelial cells. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 784-96	5.9	120
162	Synthesis of the antioxidant hydroxytyrosol using tyrosinase as biocatalyst. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 1187-93	5.7	119
161	Concentration and solubility of flavanones in orange beverages affect their bioavailability in humans. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 6516-24	5.7	116
160	Clustering according to urolithin metabotype explains the interindividual variability in the improvement of cardiovascular risk biomarkers in overweight-obese individuals consuming pomegranate: A randomized clinical trial. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600830	5.9	114
159	UV and MS identification of Urolithins and Nasutins, the bioavailable metabolites of ellagitannins and ellagic acid in different mammals. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 1152-62	5.7	110
158	Time course production of urolithins from ellagic acid by human gut microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 8797-806	5.7	109
157	A continuous spectrophotometric method for determining the monophenolase and diphenolase activities of apple polyphenol oxidase. <i>Analytical Biochemistry</i> , 1995 , 231, 237-46	3.1	109
156	Induction of antioxidant flavonol biosynthesis in fresh-cut potatoes. Effect of domestic cooking. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 5925-31	5.7	107
155	Postharvest stilbene-enrichment of red and white table grape varieties using UV-C irradiation pulses. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 6322-9	5.7	106
154	Valorization of cauliflower (<i>Brassica oleracea</i> L. var. botrytis) by-products as a source of antioxidant phenolics. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 2181-7	5.7	105
153	Metabolites and tissue distribution of resveratrol in the pig. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1154-68	5.9	103
152	Gene expression, cell cycle arrest and MAPK signalling regulation in Caco-2 cells exposed to ellagic acid and its metabolites, urolithins. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 686-98	5.9	103

151	Availability of polyphenols in fruit beverages subjected to in vitro gastrointestinal digestion and their effects on proliferation, cell-cycle and apoptosis in human colon cancer Caco-2 cells. <i>Food Chemistry</i> , 2009 , 114, 813-820	8.5	102
150	Grape polyphenol resveratrol and the related molecule 4-hydroxystilbene induce growth inhibition, apoptosis, S-phase arrest, and upregulation of cyclins A, E, and B1 in human SK-Mel-28 melanoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 4576-84	5.7	101
149	Effect of wounding on phenolic enzymes in six minimally processed lettuce cultivars upon storage. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 322-30	5.7	101
148	Slow-binding inhibition of mushroom (<i>Agaricus bisporus</i>) tyrosinase isoforms by tropolone. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 2638-44	5.7	98
147	Inhibition of quorum sensing (QS) in <i>Yersinia enterocolitica</i> by an orange extract rich in glycosylated flavanones. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8885-94	5.7	97
146	The grape and wine polyphenol piceatannol is a potent inducer of apoptosis in human SK-Mel-28 melanoma cells. <i>European Journal of Nutrition</i> , 2004 , 43, 275-84	5.2	97
145	Comparison of ozone and UV-C treatments on the postharvest stilbenoid monomer, dimer, and trimer induction in var. Superior white table grapes. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 4222-8	5.7	94
144	Non-extractable polyphenols produce gut microbiota metabolites that persist in circulation and show anti-inflammatory and free radical-scavenging effects. <i>Trends in Food Science and Technology</i> , 2017 , 69, 281-288	15.3	92
143	Isolation of Human Intestinal Bacteria Capable of Producing the Bioactive Metabolite Isourolithin A from Ellagic Acid. <i>Frontiers in Microbiology</i> , 2017 , 8, 1521	5.7	92
142	Improvement of a Continuous Spectrophotometric Method for Determining the Monophenolase and Diphenolase Activities of Mushroom Polyphenol Oxidase. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 1084-1090	5.7	92
141	Identifying the limits for ellagic acid bioavailability: A crossover pharmacokinetic study in healthy volunteers after consumption of pomegranate extracts. <i>Journal of Functional Foods</i> , 2015 , 19, 225-235	5.1	91
140	Study of stereospecificity in mushroom tyrosinase. <i>Biochemical Journal</i> , 1998 , 331 (Pt 2), 547-51	3.8	90
139	Neuroprotective Effects of Bioavailable Polyphenol-Derived Metabolites against Oxidative Stress-Induced Cytotoxicity in Human Neuroblastoma SH-SY5Y Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 752-758	5.7	89
138	Pomegranate juice supplementation in chronic obstructive pulmonary disease: a 5-week randomized, double-blind, placebo-controlled trial. <i>European Journal of Clinical Nutrition</i> , 2006 , 60, 245-53	5.2	87
137	Phase-II metabolism limits the antiproliferative activity of urolithins in human colon cancer cells. <i>European Journal of Nutrition</i> , 2014 , 53, 853-64	5.2	84
136	<i>Gordonibacter urolithinifaciens</i> sp. nov., a urolithin-producing bacterium isolated from the human gut. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2346-2352	2.2	84
135	Validated Method for the Characterization and Quantification of Extractable and Nonextractable Ellagitannins after Acid Hydrolysis in Pomegranate Fruits, Juices, and Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 6555-66	5.7	82
134	Activation of a latent mushroom (<i>Agaricus bisporus</i>) tyrosinase isoform by sodium dodecyl sulfate (SDS). Kinetic properties of the SDS-activated isoform. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 3518-25	5.7	80

133	Where to Look into the Puzzle of Polyphenols and Health? The Postbiotics and Gut Microbiota Associated with Human Metabotypes. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1900952	5.9	79
132	<i>Eubacterium limosum</i> activates isoxanthohumol from hops (<i>Humulus lupulus</i> L.) into the potent phytoestrogen 8-prenylnaringenin in vitro and in rat intestine. <i>Journal of Nutrition</i> , 2008 , 138, 1310-6	4.1	79
131	Chromatographic and spectroscopic characterization of urolithins for their determination in biological samples after the intake of foods containing ellagitannins and ellagic acid. <i>Journal of Chromatography A</i> , 2016 , 1428, 162-75	4.5	77
130	Meta-Analysis of the Effects of Foods and Derived Products Containing Ellagitannins and Anthocyanins on Cardiometabolic Biomarkers: Analysis of Factors Influencing Variability of the Individual Responses. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	77
129	The ellagic acid-derived gut microbiota metabolite, urolithin A, potentiates the anticancer effects of 5-fluorouracil chemotherapy on human colon cancer cells. <i>Food and Function</i> , 2015 , 6, 1460-9	6.1	75
128	Intestinal ellagitannin metabolites ameliorate cytokine-induced inflammation and associated molecular markers in human colon fibroblasts. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8866-76	5.7	75
127	The gut microbiota metabolism of pomegranate or walnut ellagitannins yields two urolithin-metabotypes that correlate with cardiometabolic risk biomarkers: Comparison between normoweight, overweight-obesity and metabolic syndrome. <i>Clinical Nutrition</i> , 2018 , 37, 897-905	5.9	73
126	Strawberry processing does not affect the production and urinary excretion of urolithins, ellagic acid metabolites, in humans. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 5749-54	5.7	73
125	Vitamin C retention in fresh-cut potatoes. <i>Postharvest Biology and Technology</i> , 2002 , 26, 75-84	6.2	72
124	Effects of ellagitannin-rich berries on blood lipids, gut microbiota, and urolithin production in human subjects with symptoms of metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 2258-63	5.9	71
123	The human gut microbial ecology associated with overweight and obesity determines ellagic acid metabolism. <i>Food and Function</i> , 2016 , 7, 1769-74	6.1	67
122	Up-regulation of tumor suppressor carcinoembryonic antigen-related cell adhesion molecule 1 in human colon cancer Caco-2 cells following repetitive exposure to dietary levels of a polyphenol-rich chokeberry juice. <i>Journal of Nutritional Biochemistry</i> , 2007 , 18, 259-71	6.3	66
121	Dietary phenolics against colorectal cancer--From promising preclinical results to poor translation into clinical trials: Pitfalls and future needs. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1274-91	5.9	65
120	Resveratrol in primary and secondary prevention of cardiovascular disease: a dietary and clinical perspective. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1290, 37-51	6.5	65
119	The gut microbiota urolithin metabotypes revisited: the human metabolism of ellagic acid is mainly determined by aging. <i>Food and Function</i> , 2018 , 9, 4100-4106	6.1	63
118	Dissimilar in vitro and in vivo effects of ellagic acid and its microbiota-derived metabolites, urolithins, on the cytochrome P450 1A1. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 5623-32	5.7	63
117	Interindividual variability in the human metabolism of ellagic acid: Contribution of <i>Gordonibacter</i> to urolithin production. <i>Journal of Functional Foods</i> , 2015 , 17, 785-791	5.1	62
116	Urolithin A, C, and D, but not iso-urolithin A and urolithin B, attenuate triglyceride accumulation in human cultures of adipocytes and hepatocytes. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1129-38	5.9	62

115	Bioavailability of the major bioactive diterpenoids in a rosemary extract: metabolic profile in the intestine, liver, plasma, and brain of Zucker rats. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1834-46	5.9	62
114	Gastrointestinal Simulation Model TWIN-SHIME Shows Differences between Human Urolithin-Metabotypes in Gut Microbiota Composition, Pomegranate Polyphenol Metabolism, and Transport along the Intestinal Tract. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 5480-5493	5.7	61
113	The Endotoxemia Marker Lipopolysaccharide-Binding Protein is Reduced in Overweight-Obese Subjects Consuming Pomegranate Extract by Modulating the Gut Microbiota: A Randomized Clinical Trial. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800160	5.9	61
112	Inhibition of gastric lipase as a mechanism for body weight and plasma lipids reduction in Zucker rats fed a rosemary extract rich in carnosic acid. <i>PLoS ONE</i> , 2012 , 7, e39773	3.7	61
111	Preventive oral treatment with resveratrol pro-prodrugs drastically reduce colon inflammation in rodents. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 7365-76	8.3	59
110	Monophenolase and Diphenolase Reaction Mechanisms of Apple and Pear Polyphenol Oxidases. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 2968-2975	5.7	59
109	Comprehensive characterization of the effects of ellagic acid and urolithins on colorectal cancer and key-associated molecular hallmarks: MicroRNA cell specific induction of CDKN1A (p21) as a common mechanism involved. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 701-16	5.9	59
108	Urolithins are the main urinary microbial-derived phenolic metabolites discriminating a moderate consumption of nuts in free-living subjects with diagnosed metabolic syndrome. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8930-40	5.7	58
107	4-Hydroxyanisole: the most suitable monophenolic substrate for determining spectrophotometrically the monophenolase activity of polyphenol oxidase from fruits and vegetables. <i>Analytical Biochemistry</i> , 1998 , 259, 118-26	3.1	58
106	Monophenolase Activity of Polyphenol Oxidase from Haas Avocado. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 1091-1096	5.7	57
105	Monophenolase activity of polyphenol oxidase from Verdedoncella apple. <i>Journal of Agricultural and Food Chemistry</i> , 1995 , 43, 2807-2812	5.7	57
104	Gene expression changes in colon tissues from colorectal cancer patients following the intake of an ellagitannin-containing pomegranate extract: a randomized clinical trial. <i>Journal of Nutritional Biochemistry</i> , 2017 , 42, 126-133	6.3	56
103	Effect of captopril on mushroom tyrosinase activity in vitro. <i>BBA - Proteins and Proteomics</i> , 2001 , 1544, 289-300		56
102	Deciphering the Human Gut Microbiome of Urolithin Metabotypes: Association with Enterotypes and Potential Cardiometabolic Health Implications. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800958	5.9	56
101	Bioavailability of phenolics from an oleuropein-rich olive (<i>Olea europaea</i>) leaf extract and its acute effect on plasma antioxidant status: comparison between pre- and postmenopausal women. <i>European Journal of Nutrition</i> , 2014 , 53, 1015-27	5.2	53
100	<i>Ellagibacter isourolithinifaciens</i> gen. nov., sp. nov., a new member of the family Eggerthellaceae, isolated from human gut. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1707-1712	2.2	51
99	In vivo relevant mixed urolithins and ellagic acid inhibit phenotypic and molecular colon cancer stem cell features: A new potentiality for ellagitannin metabolites against cancer. <i>Food and Chemical Toxicology</i> , 2016 , 92, 8-16	4.7	48
98	Urolithins, ellagitannin metabolites produced by colon microbiota, inhibit Quorum Sensing in <i>Yersinia enterocolitica</i> : Phenotypic response and associated molecular changes. <i>Food Chemistry</i> , 2012 , 132, 1465-1474	8.5	47

97	The gut microbiota ellagic acid-derived metabolite urolithin A and its sulfate conjugate are substrates for the drug efflux transporter breast cancer resistance protein (ABCG2/BCRP). <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 4352-9	5.7	47
96	Continuous Spectrophotometric Method for Determining Monophenolase and Diphenolase Activities of Pear Polyphenoloxidase. <i>Journal of Food Science</i> , 1996 , 61, 1177-1182	3.4	47
95	Kinetic study of the activation process of a latent mushroom (<i>Agaricus bisporus</i>) tyrosinase by serine proteases. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 3509-17	5.7	46
94	MicroRNAs expression in normal and malignant colon tissues as biomarkers of colorectal cancer and in response to pomegranate extracts consumption: Critical issues to discern between modulatory effects and potential artefacts. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1973-86	5.9	45
93	Inhibition of Mushroom Polyphenol Oxidase by Agaritine. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 2976-2980	5.7	45
92	Effect of Food Structure and Processing on (Poly)phenol-Gut Microbiota Interactions and the Effects on Human Health. <i>Annual Review of Food Science and Technology</i> , 2019 , 10, 221-238	14.7	45
91	Antiproliferative activity of the ellagic acid-derived gut microbiota isourolithin A and comparison with its urolithin A isomer: the role of cell metabolism. <i>European Journal of Nutrition</i> , 2017 , 56, 831-841	5.2	44
90	Metabolic Profiling of Dietary Polyphenols and Methylxanthines in Normal and Malignant Mammary Tissues from Breast Cancer Patients. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801239	5.9	43
89	Purification and kinetic characterization of an anionic peroxidase from melon (<i>Cucumis melo</i> L.) cultivated under different salinity conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 1537-41	5.7	42
88	Bioavailability of the glucuronide and sulfate conjugates of genistein and daidzein in breast cancer resistance protein 1 knockout mice. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 2008-12	4	41
87	Effect of low inulin doses with different polymerisation degree on lipid metabolism, mineral absorption, and intestinal microbiota in rats with fat-supplemented diet. <i>Food Chemistry</i> , 2009 , 113, 1058-1065	8.5	40
86	Increase of Antioxidant Activity of Tomato Juice Upon Functionalisation with Vegetable Byproduct Extracts. <i>LWT - Food Science and Technology</i> , 2002 , 35, 532-542	5.4	40
85	STUDY OF THE OXIDATION OF RESVERATROL CATALYZED BY POLYPHENOL OXTOASE. EFFECT OF POLYPHENOL OXIDASE, LACCASE AND PEROXIDASE ON THE ANTIRADICAL CAPACITY OF RESVERATROL. <i>Journal of Food Biochemistry</i> , 2000 , 24, 225-250	3.3	40
84	Hesperetin and its sulfate and glucuronide metabolites inhibit TNF- α -induced human aortic endothelial cell migration and decrease plasminogen activator inhibitor-1 (PAI-1) levels. <i>Food and Function</i> , 2016 , 7, 118-26	6.1	38
83	Effects of long-term consumption of low doses of resveratrol on diet-induced mild hypercholesterolemia in pigs: a transcriptomic approach to disease prevention. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 829-37	6.3	37
82	Nutraceuticals for older people: facts, fictions and gaps in knowledge. <i>Maturitas</i> , 2013 , 75, 313-34	5	37
81	Preparation of a resveratrol-enriched grape juice based on ultraviolet C-treated berries. <i>Innovative Food Science and Emerging Technologies</i> , 2009 , 10, 374-382	6.8	37
80	Monophenolase activity of polyphenol oxidase from blanquilla pear. <i>Phytochemistry</i> , 1997 , 44, 17-22	4	37

79	Production of bioavailable flavonoid glucosides in fruit juices and green tea by use of fungal alpha-L-rhamnosidases. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 6136-42	5.7	37
78	Etiology of UV-C-induced browning in var. Superior white table grapes. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5990-6	5.7	36
77	Polyphenols Gut Microbiota Metabolites: Bioactives or Biomarkers?. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 3593-3594	5.7	35
76	In Vitro Research on Dietary Polyphenols and Health: A Call of Caution and a Guide on How To Proceed. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 7857-7858	5.7	34
75	Raspberry seed flour attenuates high-sucrose diet-mediated hepatic stress and adipose tissue inflammation. <i>Journal of Nutritional Biochemistry</i> , 2016 , 32, 64-72	6.3	33
74	Monophenolase activity of strawberry polyphenol oxidase. <i>Phytochemistry</i> , 1997 , 45, 667-670	4	33
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