

Juan Carlos Esp n

List of Publications by Year in descending order

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208
papers

22,590
citations

4942

84
h-index

9073

144
g-index

215
all docs

215
docs citations

215
times ranked

19445
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between Phenolics and Gut Microbiota: Role in Human Health. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6485-6501.	2.4	1,029
2	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.	1.7	932
3	Nutraceuticals: Facts and fiction. <i>Phytochemistry</i> , 2007, 68, 2986-3008.	1.4	675
4	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, 648-656.	2.4	547
5	The gut microbiota: A key factor in the therapeutic effects of (poly)phenols. <i>Biochemical Pharmacology</i> , 2017, 139, 82-93.	2.0	427
6	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, 1-15.	0.5	399
7	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, 717-725.	1.9	393
8	Metabolism of Antioxidant and Chemopreventive Ellagitannins from Strawberries, Raspberries, Walnuts, and Oak-Aged Wine in Humans: A Identification of Biomarkers and Individual Variability. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 227-235.	2.4	377
9	Resveratrol and Clinical Trials: The Crossroad from In Vitro Studies to Human Evidence. <i>Current Pharmaceutical Design</i> , 2013, 19, 6064-6093.	0.9	377
10	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, 611-625.	1.9	372
11	The potent in vitro antioxidant ellagitannins from pomegranate juice are metabolised into bioavailable but poor antioxidant hydroxyanthraquinone derivatives by the colonic microflora of healthy humans. <i>European Journal of Nutrition</i> , 2004, 43, 205-20.	1.8	347
12	Oleuropein and related compounds. <i>Journal of the Science of Food and Agriculture</i> , 2000, 80, 1013-1023.	1.7	341
13	Urolithins, the rescue of ellagic acid 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.	1.5	319
14	Ellagitannins, ellagic acid and vascular health. <i>Molecular Aspects of Medicine</i> , 2010, 31, 513-539.	2.7	315
15	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.	1.8	309
16	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, 72, 69-82.	3.1	304
17	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, 6535-6538.	2.4	299
18	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, 10476-10485.	2.4	296

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19	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, 2211-2220.	2.4	294
20	Varietal Differences among the Polyphenol Profiles of Seven Table Grape Cultivars Studied by LC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 5691-5696.	2.4	283
21	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.	1.3	278
22	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, 3493-3501.	2.4	243
23	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, 5571-5576.	2.4	239
24	Anthocyanin-Based Natural Colorants: A New Source of Antiradical Activity for Foodstuff. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 1588-1592.	2.4	235
25	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, 1611-1620.	2.4	233
26	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, 3015-3023.	2.4	219
27	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, 3458-3464.	2.4	219
28	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, 356-363.	0.7	219
29	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, 3926-3935.	2.4	211
30	An easy and fast test to compare total free radical scavenger capacity of foodstuffs. <i>Phytochemical Analysis</i> , 2000, 11, 330-338.	1.2	209
31	Description of urolithin production capacity from ellagic acid of two human intestinal <i>Gordonibacter</i> species. <i>Food and Function</i> , 2014, 5, 1779-1784.	2.1	209
32	Alternative method for gas chromatography-mass spectrometry analysis of short-chain fatty acids in faecal samples. <i>Journal of Separation Science</i> , 2012, 35, 1906-1913.	1.3	203
33	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.	1.3	197
34	Kinetic characterization of the substrate specificity and mechanism of mushroom tyrosinase. <i>FEBS Journal</i> , 2000, 267, 1270-1279.	0.2	196
35	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, 1199-1211.	1.5	190
36	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, 6248-6255.	2.4	183

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37	NF- κ B-dependent anti-inflammatory activity of urolithins, gut microbiota ellagic acid-derived metabolites, in human colonic fibroblasts. <i>British Journal of Nutrition</i> , 2010, 104, 503-512.	1.2	180
38	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, 311-322.	1.5	174
39	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.	1.5	170
40	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, 810-821.	1.5	167
41	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.	1.5	165
42	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, 5052-5058.	2.4	159
43	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, 1208-1214.	2.4	153
44	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.	7.8	146
45	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, 784-796.	1.5	143
46	Time Course Production of Urolithins from Ellagic Acid by Human Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8797-8806.	2.4	141
47	Isolation of Human Intestinal Bacteria Capable of Producing the Bioactive Metabolite Isourolithin A from Ellagic Acid. <i>Frontiers in Microbiology</i> , 2017, 8, 1521.	1.5	141
48	Synthesis of the Antioxidant Hydroxytyrosol Using Tyrosinase as Biocatalyst. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 1187-1193.	2.4	138
49	Concentration and Solubility of Flavanones in Orange Beverages Affect Their Bioavailability in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6516-6524.	2.4	134
50	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, 686-698.	1.5	130
51	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, 1152-1162.	2.4	128
52	Induction of Antioxidant Flavonol Biosynthesis in Fresh-Cut Potatoes. Effect of Domestic Cooking. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 5925-5931.	2.4	127
53	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.	1.6	127
54	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.	4.2	126

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55	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, 8885-8894.	2.4	124
56	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.	2.4	124
57	A Continuous Spectrophotometric Method for Determining the Monophenolase and Diphenolase Activities of Apple Polyphenol Oxidase. <i>Analytical Biochemistry</i> , 1995, 231, 237-246.	1.1	120
58	<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.	0.8	120
59	The gut microbiota urolithin metabolites revisited: the human metabolism of ellagic acid is mainly determined by aging. <i>Food and Function</i> , 2018, 9, 4100-4106.	2.1	119
60	Valorization of Cauliflower (<i>Brassica oleracea</i> L. var. <i>botrytis</i>) By-Products as a Source of Antioxidant Phenolics. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 2181-2187.	2.4	118
61	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, 6322-6329.	2.4	117
62	Metabolites and tissue distribution of resveratrol in the pig. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1154-1168.	1.5	117
63	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, 6555-6566.	2.4	111
64	The gut microbiota metabolism of pomegranate or walnut ellagitannins yields two urolithin-metabolites that correlate with cardiometabolic risk biomarkers: Comparison between normoweight, overweight-obesity and metabolic syndrome. <i>Clinical Nutrition</i> , 2018, 37, 897-905.	2.3	111
65	Effect of Wounding on Phenolic Enzymes in Six Minimally Processed Lettuce Cultivars upon Storage. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 322-330.	2.4	110
66	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, 4576-4584.	2.4	110
67	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, 4222-4228.	2.4	108
68	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, 694.	1.8	108
69	Phase-II metabolism limits the antiproliferative activity of urolithins in human colon cancer cells. <i>European Journal of Nutrition</i> , 2014, 53, 853-864.	1.8	107
70	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, 275-284.	1.8	105
71	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, 245-253.	1.3	104
72	Slow-Binding Inhibition of Mushroom (<i>Agaricus bisporus</i>) Tyrosinase Isoforms by Tropolone. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 2638-2644.	2.4	103

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73	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.	2.4	101
74	Eubacterium limosum Activates Isoxanthohumol from Hops (<i>Humulus lupulus</i> L.) into the Potent Phytoestrogen 8-Prenylnaringenin In Vitro and in Rat Intestine ³ . <i>Journal of Nutrition</i> , 2008, 138, 1310-1316.	1.3	99
75	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, 162-175.	1.8	99
76	The Endotoxemia Marker Lipopolysaccharide- α -Binding Protein is Reduced in Overweight and Obese Subjects Consuming Pomegranate Extract by Modulating the Gut Microbiota: A Randomized Clinical Trial. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800160.	1.5	97
77	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.	1.5	97
78	Study of stereospecificity in mushroom tyrosinase. <i>Biochemical Journal</i> , 1998, 331, 547-551.	1.7	95
79	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, 1460-1469.	2.1	94
80	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, 2258-2263.	1.5	93
81	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, 8866-8876.	2.4	91
82	The human gut microbial ecology associated with overweight and obesity determines ellagic acid metabolism. <i>Food and Function</i> , 2016, 7, 1769-1774.	2.1	91
83	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.	2.4	90
84	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, 1274-1291.	1.5	89
85	Urolithins: a Comprehensive Update on their Metabolism, Bioactivity, and Associated Gut Microbiota. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2101019.	1.5	89
86	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.	1.9	86
87	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, 5749-5754.	2.4	85
88	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, 1129-1138.	1.5	85
89	<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.	0.8	85
90	Vitamin C retention in fresh-cut potatoes. <i>Postharvest Biology and Technology</i> , 2002, 26, 75-84.	2.9	83

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91	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, 3518-3525.	2.4	81
92	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.	1.8	80
93	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, 259-271.	1.9	77
94	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.	1.6	77
95	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, 1834-1846.	1.5	76
96	Dissimilar <i>In Vitro</i> and <i>In Vivo</i> 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, 5623-5632.	2.4	75
97	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.	1.5	73
98	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, 1015-1027.	1.8	72
99	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.	1.1	71
100	Preventive Oral Treatment with Resveratrol Pro-prodrugs Drastically Reduce Colon Inflammation in Rodents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7365-7376.	2.9	69
101	Comprehensive characterization of the effects of ellagic acid and urolithins on colorectal cancer and key-associated molecular hallmarks: MicroRNA cell specific induction of <i>CDKN1A</i> (p21) as a common mechanism involved. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 701-716.	1.5	68
102	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.	5.1	68
103	Monophenolase activity of polyphenol oxidase from <i>Verdedoncella</i> apple. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 2807-2812.	2.4	67
104	Monophenolase and Diphenolase Reaction Mechanisms of Apple and Pear Polyphenol Oxidases. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 2968-2975.	2.4	65
105	Effect of captopril on mushroom tyrosinase activity in vitro. <i>BBA - Proteins and Proteomics</i> , 2001, 1544, 289-300.	2.1	65
106	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, 4352-4359.	2.4	65
107	Monophenolase Activity of Polyphenol Oxidase from Haas Avocado. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 1091-1096.	2.4	64
108	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, 118-126.	1.1	63

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109	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, 8930-8940.	2.4	61
110	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.	4.2	60
111	Urolithin A Is a Dietary Microbiota-Derived Human Aryl Hydrocarbon Receptor Antagonist. <i>Metabolites</i> , 2018, 8, 86.	1.3	59
112	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.	1.8	58
113	Main drivers of (poly)phenol effects on human health: metabolite production and/or gut microbiota-associated metabolites?. <i>Food and Function</i> , 2021, 12, 10324-10355.	2.1	58
114	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, 1973-1986.	1.5	57
115	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.	1.8	54
116	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, 3509-3517.	2.4	53
117	Inhibition of Mushroom Polyphenol Oxidase by Agaritine. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 2976-2980.	2.4	51
118	Nutraceuticals for older people: Facts, fictions and gaps in knowledge. <i>Maturitas</i> , 2013, 75, 313-334.	1.0	50
119	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, 2008-2012.	1.7	49
120	Continuous Spectrophotometric Method for Determining Monophenolase and Diphenolase Activities of Pear Polyphenoloxidase. <i>Journal of Food Science</i> , 1996, 61, 1177-1182.	1.5	48
121	Polyphenols™ Gut Microbiota Metabolites: Bioactives or Biomarkers?. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3593-3594.	2.4	48
122	<i>In Vitro</i> 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.	2.4	48
123	Conjugated Physiological Resveratrol Metabolites Induce Senescence in Breast Cancer Cells: Role of p53/p21 and p16/Rb Pathways, and ABC Transporters. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900629.	1.5	48
124	Identification of Novel Urolithin Metabolites in Human Feces and Urine after the Intake of a Pomegranate Extract. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11099-11107.	2.4	48
125	Evidence for health properties of pomegranate juices and extracts beyond nutrition: A critical systematic review of human studies. <i>Trends in Food Science and Technology</i> , 2021, 114, 410-423.	7.8	48
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