Augustin Scalbert

List of Publications by Citations

239 papers	37,229 citations	79 h-index	192 g-index
255 ext. papers	41,601 ext. citations	5.9 avg, IF	7.19 L-index

#	Paper	IF	Citations
239	Polyphenols: food sources and bioavailability. *American Journal of Clinical Nutrition*, **2004**, 79, 727-47	7	5049
238	Bioavailability and bioefficacy of polyphenols in humans. I. Review of 97 bioavailability studies. *American Journal of Clinical Nutrition*, **2005**, 81, 230S-242S	7	2926
237	Dietary intake and bioavailability of polyphenols. *Journal of Nutrition*, **2000**, 130, 2073S-85S	4.1	2363
236	HMDB 3.0--The Human Metabolome Database in 2013. *Nucleic Acids Research*, **2013**, 41, D801-7	20.1	2210
235	Dietary polyphenols and the prevention of diseases. *Critical Reviews in Food Science and Nutrition*, **2005**, 45, 287-306	11.5	1922
234	HMDB 4.0: the human metabolome database for 2018. *Nucleic Acids Research*, **2018**, 46, D608-D617	20.1	1832
233	Antimicrobial properties of tannins. *Phytochemistry*, **1991**, 30, 3875-3883	4	1316
232	Polyphenols: antioxidants and beyond. *American Journal of Clinical Nutrition*, **2005**, 81, 215S-217S	7	1033
231	Proanthocyanidins and tannin-like compounds hature, occurrence, dietary intake and effects on nutrition and health. *Journal of the Science of Food and Agriculture*, **2000**, 80, 1094-1117	4.3	910
230	Absorption and metabolism of polyphenols in the gut and impact on health. *Biomedicine and Pharmacotherapy*, **2002**, 56, 276-82	7.5	461
229	Polyphenols and prevention of cardiovascular diseases. *Current Opinion in Lipidology*, **2005**, 16, 77-84	4.4	425
228	Mass-spectrometry-based metabolomics: limitations and recommendations for future progress with particular focus on nutrition research. *Metabolomics*, **2009**, 5, 435-458	4.7	412
227	Ether linkage between phenolic acids and lignin fractions from wheat straw. *Phytochemistry*, **1985**, 24, 1359-1362	4	411
226	Phenol-Explorer 3.0: a major update of the Phenol-Explorer database to incorporate data on the effects of food processing on polyphenol content. *Database: the Journal of Biological Databases and Curation*, **2013**, 2013, bat070	5	402
225	Polymeric proanthocyanidins are catabolized by human colonic microflora into low-molecular-weight phenolic acids. *Journal of Nutrition*, **2000**, 130, 2733-8	4.1	364
224	Ellagitannins hature, occurrence and dietary burden. *Journal of the Science of Food and Agriculture* , **2000**, 80, 1118-1125	4.3	341
223	The food metabolome: a window over dietary exposure. *American Journal of Clinical Nutrition*, **2014** , 99, 1286-308	7	335

222	Chlorogenic acid bioavailability largely depends on its metabolism by the gut microflora in rats. *Journal of Nutrition*, **2003**, 133, 1853-9	4.1	328
221	Tannins in wood: comparison of different estimation methods. *Journal of Agricultural and Food Chemistry*, **1989**, 37, 1324-1329	5.7	317
220	Transport of proanthocyanidin dimer, trimer, and polymer across monolayers of human intestinal epithelial Caco-2 cells. *Antioxidants and Redox Signaling*, **2001**, 3, 957-67	8.4	311
219	Dietary intake of 337 polyphenols in French adults. *American Journal of Clinical Nutrition*, **2011**, 93, 1220-8	7	309
218	Hesperidin contributes to the vascular protective effects of orange juice: a randomized crossover study in healthy volunteers. *American Journal of Clinical Nutrition*, **2011**, 93, 73-80	7	298
217	Chocolate intake increases urinary excretion of polyphenol-derived phenolic acids in healthy human subjects. *American Journal of Clinical Nutrition*, **2003**, 77, 912-8	7	284
216	Metabolism of dietary procyanidins in rats. *Free Radical Biology and Medicine*, **2003**, 35, 837-44	7.8	282
215	Cocoa procyanidins are stable during gastric transit in humans. *American Journal of Clinical Nutrition* , **2002**, 76, 1106-10	7	279
214	The biological relevance of direct antioxidant effects of polyphenols for cardiovascular health in humans is not established. *Journal of Nutrition*, **2011**, 141, 989S-1009S	4.1	272
213	Flavonoids and heart health: proceedings of the ILSI North America Flavonoids Workshop, May 31-June 1, 2005, Washington, DC. *Journal of Nutrition*, **2007**, 137, 718S-737S	4.1	271
212	Strawberry anthocyanins are recovered in urine as glucuro- and sulfoconjugates in humans. *Journal of Nutrition*, **2003**, 133, 1296-301	4.1	257
211	Dietary polyphenol intake in Europe: the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *European Journal of Nutrition*, **2016**, 55, 1359-75	5.2	238
210	Systematic analysis of the content of 502 polyphenols in 452 foods and beverages: an application of the phenol-explorer database. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 4959-69	5.7	233
209	Precipitation of Metal Ions by Plant Polyphenols: Optimal Conditions and Origin of Precipitation. *Journal of Agricultural and Food Chemistry*, **1996**, 44, 599-606	5.7	230
208	Risks and safety of polyphenol consumption. *American Journal of Clinical Nutrition*, **2005**, 81, 326S-329S	7	216
207	Bioavailability of the flavanone naringenin and its glycosides in rats. *American Journal of Physiology - Renal Physiology*, **2000**, 279, G1148-54	5.1	207
206	Dietary lignans: physiology and potential for cardiovascular disease risk reduction. *Nutrition Reviews*, **2010**, 68, 571-603	6.4	204
205	The blood exposome and its role in discovering causes of disease. *Environmental Health Perspectives*, **2014**, 122, 769-74	8.4	203

204	Daily polyphenol intake in France from fruit and vegetables. *Journal of Nutrition*, **2006**, 136, 2368-73	4.1	200
203	Microbial metabolism of caffeic acid and its esters chlorogenic and caftaric acids by human faecal microbiota in vitro. *Biomedicine and Pharmacotherapy*, **2006**, 60, 536-40	7.5	182
202	Microbial aromatic acid metabolites formed in the gut account for a major fraction of the polyphenols excreted in urine of rats fed red wine polyphenols. *Journal of Nutrition*, **2003**, 133, 461-7	4.1	180
201	Catechin is metabolized by both the small intestine and liver of rats. *Journal of Nutrition*, **2001**, 131, 1753-7	4.1	170
200	Plasma concentrations and intakes of amino acids in male meat-eaters, fish-eaters, vegetarians and vegans: a cross-sectional analysis in the EPIC-Oxford cohort. *European Journal of Clinical Nutrition*, **2016**, 70, 306-12	5.2	168
199	The complex links between dietary phytochemicals and human health deciphered by metabolomics. *Molecular Nutrition and Food Research*, **2009**, 53, 1303-15	5.9	167
198	Procyanidins are not bioavailable in rats fed a single meal containing a grapeseed extract or the procyanidin dimer B3. *British Journal of Nutrition*, **2002**, 87, 299-306	3.6	167
197	Chlorogenic acid is absorbed in its intact form in the stomach of rats. *Journal of Nutrition*, **2006**, 136, 1192-7	4.1	160
196	The exposome in practice: Design of the EXPOsOMICS project. *International Journal of Hygiene and Environmental Health*, **2017**, 220, 142-151	6.9	153
195	Databases on food phytochemicals and their health-promoting effects. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 4331-48	5.7	151
194	Measuring the exposome: a powerful basis for evaluating environmental exposures and cancer risk. *Environmental and Molecular Mutagenesis*, **2013**, 54, 480-99	3.2	142
193	Polyphenol levels in human urine after intake of six different polyphenol-rich beverages. *British Journal of Nutrition*, **2005**, 94, 500-9	3.6	139
192	Urinary flavonoids and phenolic acids as biomarkers of intake for polyphenol-rich foods. *British Journal of Nutrition*, **2006**, 96, 191-8	3.6	135
191	Method for Estimation of Proanthocyanidins Based on Their Acid Depolymerization in the Presence of Nucleophiles. *Journal of Agricultural and Food Chemistry*, **1997**, 45, 1195-1201	5.7	133
190	Interlaboratory Reproducibility of a Targeted Metabolomics Platform for Analysis of Human Serum and Plasma. *Analytical Chemistry*, **2017**, 89, 656-665	7.8	131
189	Mass spectrometry-based metabolomics for the discovery of biomarkers of fruit and vegetable intake: citrus fruit as a case study. *Journal of Proteome Research*, **2013**, 12, 1645-59	5.6	128
188	Absorption and metabolism of caffeic acid and chlorogenic acid in the small intestine of rats. *British Journal of Nutrition*, **2006**, 96, 39-46	3.6	127
187	Parameters controlling the glycaemic response to breads. *Nutrition Research Reviews*, **2006**, 19, 18-25	7	126

186	Modulation of miRNA expression by dietary polyphenols in apoE deficient mice: a new mechanism of the action of polyphenols. *PLoS ONE*, **2012**, 7, e29837	3.7	124
185	Urinary metabolites as biomarkers of polyphenol intake in humans: a systematic review. *American Journal of Clinical Nutrition*, **2010**, 92, 801-9	7	123
184	Ellagitannins and lignins in aging of spirits in oak barrels. *Journal of Agricultural and Food Chemistry*, **1993**, 41, 1872-1879	5.7	120
183	Insoluble ellagitannins in Castanea sativa and Quercus petraea woods. *Phytochemistry*, **1991**, 30, 775-778	4	119
182	Influence of acute phytochemical intake on human urinary metabolomic profiles. *American Journal of Clinical Nutrition*, **2007**, 86, 1687-93	7	116
181	Association of Plasma Phospholipid n-3 and n-6 Polyunsaturated Fatty Acids with Type 2 Diabetes: The EPIC-InterAct Case-Cohort Study. *PLoS Medicine*, **2016**, 13, e1002094	11.6	116
180	A metabolomic study of biomarkers of meat and fish intake. *American Journal of Clinical Nutrition*, **2017**, 105, 600-608	7	115
179	Phenol-Explorer 2.0: a major update of the Phenol-Explorer database integrating data on polyphenol metabolism and pharmacokinetics in humans and experimental animals. *Database: the Journal of Biological Databases and Curation*, **2012**, 2012, bas031	5	105
178	Total and specific polyphenol intakes in midlife are associated with cognitive function measured 13 years later. *Journal of Nutrition*, **2012**, 142, 76-83	4.1	104
177	Dietary lignins are precursors of mammalian lignans in rats. *Journal of Nutrition*, **2004**, 134, 120-7	4.1	103
176	Polyphenols of Quercus robur: Adult tree and in vitro grown calli and shoots. *Phytochemistry*, **1988**, 27, 3483-3488	4	103
175	Measuring exposure to the polyphenol metabolome in observational epidemiologic studies: current tools and applications and their limits. *American Journal of Clinical Nutrition*, **2014**, 100, 11-26	7	102
174	Review of mass spectrometry-based metabolomics in cancer research. *Cancer Epidemiology Biomarkers and Prevention*, **2013**, 22, 2182-201	4	102
173	Differences in dietary intakes, food sources and determinants of total flavonoids between Mediterranean and non-Mediterranean countries participating in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *British Journal of Nutrition*, **2013**, 109, 1498-507	3.6	102
172	Ellagitannins in woods of sessile oak and sweet chestnut dimerization and hydrolysis during wood ageing. *Phytochemistry*, **1994**, 36, 1253-1260	4	101
171	Polyphenol metabolome in human urine and its association with intake of polyphenol-rich foods across European countries. *American Journal of Clinical Nutrition*, **2015**, 102, 905-13	7	100
170	Extractable and non-extractable proanthocyanidins in barks. *Phytochemistry*, **1997**, 45, 405-410	4	100
169	Flavonoid intake is associated with lower mortality in the Danish Diet Cancer and Health Cohort. *Nature Communications*, **2019**, 10, 3651	17.4	96

168	Dietary intakes of individual flavanols and flavonols are inversely associated with incident type 2 diabetes in European populations. *Journal of Nutrition*, **2014**, 144, 335-43	4.1	95
167	The association between dietary flavonoid and lignan intakes and incident type 2 diabetes in European populations: the EPIC-InterAct study. *Diabetes Care*, **2013**, 36, 3961-70	14.6	89
166	Metabolic profiles of male meat eaters, fish eaters, vegetarians, and vegans from the EPIC-Oxford cohort. *American Journal of Clinical Nutrition*, **2015**, 102, 1518-26	7	88
165	Influence of acute phytochemical intake on human urinary metabolomic profiles. *American Journal of Clinical Nutrition*, **2007**, 86, 1687-1693	7	85
164	Proanthocyanidins and human health: systemic effects and local effects in the gut. *BioFactors*, **2000** , 13, 115-20	6.1	83
163	Intake estimation of total and individual flavan-3-ols, proanthocyanidins and theaflavins, their food sources and determinants in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *British Journal of Nutrition*, **2012**, 108, 1095-108	3.6	81
162	Catechin reduces atherosclerotic lesion development in apo E-deficient mice: a transcriptomic study. *Atherosclerosis*, **2009**, 204, e21-7	3.1	79
161	Iron withholding by plant polyphenols and resistance to pathogens and rots. *Phytochemistry*, **1996**, 42, 1551-1555	4	79
160	Selected dietary flavonoids are associated with markers of inflammation and endothelial dysfunction in U.S. women. *Journal of Nutrition*, **2011**, 141, 618-25	4.1	78
159	Exposome-Explorer: a manually-curated database on biomarkers of exposure to dietary and environmental factors. *Nucleic Acids Research*, **2017**, 45, D979-D984	20.1	77
158	Prediagnostic circulating vitamin D levels and risk of hepatocellular carcinoma in European populations: a nested case-control study. *Hepatology*, **2014**, 60, 1222-30	11.2	75
157	Reliability of Serum Metabolites over a Two-Year Period: A Targeted Metabolomic Approach in Fasting and Non-Fasting Samples from EPIC. *PLoS ONE*, **2015**, 10, e0135437	3.7	74
156	Dietary intakes and food sources of phenolic acids in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *British Journal of Nutrition*, **2013**, 110, 1500-11	3.6	74
155	Isoflavones and the prevention of breast and prostate cancer: new perspectives opened by nutrigenomics. *British Journal of Nutrition*, **2008**, 99 E Suppl 1, ES78-108	3.6	72
154	Effects of food processing on polyphenol contents: a systematic analysis using Phenol-Explorer data. *Molecular Nutrition and Food Research*, **2015**, 59, 160-70	5.9	71
153	Dietary flavonoid and lignan intake and gastric adenocarcinoma risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *American Journal of Clinical Nutrition*, **2012**, 96, 1398-408	7	71
152	Whole-grain and refined wheat flours show distinct metabolic profiles in rats as assessed by a 1H NMR-based metabonomic approach. *Journal of Nutrition*, **2007**, 137, 923-9	4.1	71
151	Bilberry anthocyanin-rich extract alters expression of genes related to atherosclerosis development in aorta of apo E-deficient mice. *Nutrition, Metabolism and Cardiovascular Diseases*, **2012**, 22, 72-80	4.5	70

150	Effect of carrot intake on cholesterol metabolism and on antioxidant status in cholesterol-fed rat. *European Journal of Nutrition*, **2003**, 42, 254-61	5.2	70
149	Polyphenols and chemical defence of the leaves of Quercus robur. *Phytochemistry*, **1987**, 26, 3191-3195	4	65
148	Thyroid-stimulating hormone, thyroglobulin, and thyroid hormones and risk of differentiated thyroid carcinoma: the EPIC study. *Journal of the National Cancer Institute*, **2014**, 106, dju097	9.7	64
147	Combining traditional dietary assessment methods with novel metabolomics techniques: present efforts by the Food Biomarker Alliance. *Proceedings of the Nutrition Society*, **2017**, 76, 619-627	2.9	62
146	A liquid chromatography-quadrupole time-of-flight (LC-QTOF)-based metabolomic approach reveals new metabolic effects of catechin in rats fed high-fat diets. *Journal of Proteome Research*, **2008**, 7, 2388-98	5.6	62
145	Metabolomic profiles of hepatocellular carcinoma in a European prospective cohort. *BMC Medicine*, **2015**, 13, 242	11.4	60
144	Challenges of molecular nutrition research 6: the nutritional phenotype database to store, share and evaluate nutritional systems biology studies. *Genes and Nutrition*, **2010**, 5, 189-203	4.3	58
143	Alteration of amino acid and biogenic amine metabolism in hepatobiliary cancers: Findings from a prospective cohort study. *International Journal of Cancer*, **2016**, 138, 348-60	7.5	58
142	Flavonoid intake and incident hypertension in women. *American Journal of Clinical Nutrition*, **2016**, 103, 1091-8	7	57
141	Systematic analysis of the polyphenol metabolome using the Phenol-Explorer database. *Molecular Nutrition and Food Research*, **2016**, 60, 203-11	5.9	53
140	Normalization to specific gravity prior to analysis improves information recovery from high resolution mass spectrometry metabolomic profiles of human urine. *Analytical Chemistry*, **2014**, 86, 10925-31	7.8	53
139	Structural elucidation of new dimeric ellagitannins from Quercus robur L. roburins A-E. *Journal of the Chemical Society Perkin Transactions 1*, **1991**, 1653-1660		53
138	Assessment of dietary intake: NuGO symposium report. *Genes and Nutrition*, **2010**, 5, 205-13	4.3	52
137	Metabolomics provide new insight on the metabolism of dietary phytochemicals in rats. *Journal of Nutrition*, **2008**, 138, 1282-7	4.1	52
136	Co-administration of quercetin and catechin in rats alters their absorption but not their metabolism. *Life Sciences*, **2005**, 77, 3156-67	6.8	52
135	Urinary excretions of 34 dietary polyphenols and their associations with lifestyle factors in the EPIC cohort study. *Scientific Reports*, **2016**, 6, 26905	4.9	51
134	Differential Isotope Labeling of 38 Dietary Polyphenols and Their Quantification in Urine by Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry. *Analytical Chemistry*, **2016**, 88, 2637-44	7.8	50
133	A scheme for a flexible classification of dietary and health biomarkers. *Genes and Nutrition*, **2017**, 12, 34	4.3	49

132	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. *Environment International*, **2018**, 119, 334-345	12.9	49
131	Effects of exposure to water disinfection by-products in a swimming pool: A metabolome-wide association study. *Environment International*, **2018**, 111, 60-70	12.9	49
130	Apple polyphenols and fibers attenuate atherosclerosis in apolipoprotein E-deficient mice. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 5558-63	5.7	48
129	Strawberry pelargonidin glycosides are excreted in urine as intact glycosides and glucuronidated pelargonidin derivatives in rats. *British Journal of Nutrition*, **2007**, 98, 1126-31	3.6	48
128	Guidelines for Biomarker of Food Intake Reviews (BFIRev): how to conduct an extensive literature search for biomarker of food intake discovery. *Genes and Nutrition*, **2018**, 13, 3	4.3	47
127	Ellagitannins in European oak wood: Polymerization during wood ageing. *Phytochemistry*, **1994**, 36, 1249-1252	4	46
126	Roburin A, A dimeric ellagitannin from heartwood of Quercus robur. *Phytochemistry*, **1991**, 30, 329-332	4	46
125	Dietary flavonoid intake and colorectal cancer risk in the European prospective investigation into cancer and nutrition (EPIC) cohort. *International Journal of Cancer*, **2017**, 140, 1836-1844	7.5	45
124	Radiolabelled cyanidin 3-O-glucoside is poorly absorbed in the mouse. *British Journal of Nutrition*, **2010**, 103, 1738-45	3.6	45
123	Nutrigenomic analysis of the protective effects of bilberry anthocyanin-rich extract in apo E-deficient mice. *Genes and Nutrition*, **2010**, 5, 343-53	4.3	45
122	A network biology model of micronutrient related health. *British Journal of Nutrition*, **2008**, 99 Suppl 3, S72-80	3.6	45
121	Dietary flavonoid and lignan intake and breast cancer risk according to menopause and hormone receptor status in the European Prospective Investigation into Cancer and Nutrition (EPIC) Study. *Breast Cancer Research and Treatment*, **2013**, 139, 163-76	4.4	44
120	Novel liquid chromatography-electrospray ionization mass spectrometry method for the quantification in human urine of microbial aromatic acid metabolites derived from dietary polyphenols. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2003**, 789, 247-55	3.2	43
119	Polyphenols of Quercus robus L.. *Journal of Chromatography A*, **1990**, 502, 107-119	4.5	42
118	Quantitative Methods for the Estimation of Tannins in Plant Tissues **1992**, 259-280		41
117	Comparison of standardised dietary folate intake across ten countries participating in the European Prospective Investigation into Cancer and Nutrition. *British Journal of Nutrition*, **2012**, 108, 552-69	3.6	39
116	Douglas-fir polyphenols and heartwood formation. *Phytochemistry*, **1997**, 45, 1573-1578	4	38
115	Blood Metabolic Signatures of Body Mass Index: A Targeted Metabolomics Study in the EPIC Cohort. *Journal of Proteome Research*, **2017**, 16, 3137-3146	5.6	37

114	Tissue distribution of anthocyanins in rats fed a blackberry anthocyanin-enriched diet. *Molecular Nutrition and Food Research*, **2009**, 53, 1098-103	5.9	37
113	Carbon-14 biolabeling of (+)-catechin and proanthocyanidin oligomers in willow tree cuttings. *Journal of Agricultural and Food Chemistry*, **1999**, 47, 4219-30	5.7	37
112	Polyphenols isolated from the bark of castanea sativa Mill. chemical structures and auto-association in honour of professor G. H. Neil Towers 75th birthday. *Phytochemistry*, **1998**, 49, 623-631	4	36
111	Perspective: Dietary Biomarkers of Intake and Exposure-Exploration with Omics Approaches. *Advances in Nutrition*, **2020**, 11, 200-215	10	35
110	Resistant starch intake partly restores metabolic and inflammatory alterations in the liver of high-fat-diet-fed rats. *Journal of Nutritional Biochemistry*, **2013**, 24, 1920-30	6.3	35
109	Recommendations for standardizing nomenclature for dietary (poly)phenol catabolites. *American Journal of Clinical Nutrition*, **2020**, 112, 1051-1068	7	35
108	Prospective analysis of circulating metabolites and breast cancer in EPIC. *BMC Medicine*, **2019**, 17, 178	11.4	34
107	Pre-diagnostic metabolite concentrations and prostate cancer risk in 1077 cases and 1077 matched controls in the European Prospective Investigation into Cancer and Nutrition. *BMC Medicine*, **2017**, 15, 122	11.4	34
106	Atheroprotective effects of bilberry extracts in apo E-deficient mice. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 11106-11	5.7	33
105	A new food-composition database for 437 polyphenols in 19,899 raw and prepared foods used to estimate polyphenol intakes in adults from 10 European countries. *American Journal of Clinical Nutrition*, **2018**, 108, 517-524	7	32
104	Tissue distribution of isoflavones in ewes after consumption of red clover silage. *Archives of Biochemistry and Biophysics*, **2008**, 476, 205-10	4.1	32
103	Adipokines and inflammation markers and risk of differentiated thyroid carcinoma: The EPIC study. *International Journal of Cancer*, **2018**, 142, 1332-1342	7.5	32
102	Biomarkers of intake for coffee, tea, and sweetened beverages. *Genes and Nutrition*, **2018**, 13, 15	4.3	31
101	Cord Blood Metabolic Signatures of Birth Weight: A Population-Based Study. *Journal of Proteome Research*, **2018**, 17, 1235-1247	5.6	30
100	Impact of short-term traffic-related air pollution on the metabolome - Results from two metabolome-wide experimental studies. *Environment International*, **2019**, 123, 124-131	12.9	30
99	Dietary polyphenol intake and their major food sources in the Mexican Teachers' Cohort. *British Journal of Nutrition*, **2018**, 120, 353-360	3.6	29
98	Dietary flavonoid intake and esophageal cancer risk in the European prospective investigation into cancer and nutrition cohort. *American Journal of Epidemiology*, **2013**, 178, 570-81	3.8	29
97	Caffeic acid inhibits oxidative Stress and reduces hypercholesterolemia induced by iron overload in rats. *International Journal for Vitamin and Nutrition Research*, **2005**, 75, 119-25	1.7	29

96	Consumption of fruits, vegetables and fruit juices and differentiated thyroid carcinoma risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *International Journal of Cancer*, **2018**, 142, 449-459	7.5	28
95	An overview and update on the epidemiology of flavonoid intake and cardiovascular disease risk. *Food and Function*, **2020**, 11, 6777-6806	6.1	28
94	Prediagnostic Plasma Bile Acid Levels and Colon Cancer Risk: A Prospective Study. *Journal of the National Cancer Institute*, **2020**, 112, 516-524	9.7	28
93	Studies on a brittle stem mutant of rice, Oryza sativa L. ; characterization of lignin fractions, associated phenolic acids and polysaccharides from rice stem. *Agronomy for Sustainable Development*, **1986**, 6, 265-271		27
92	Exposure to bacterial products lipopolysaccharide and flagellin and hepatocellular carcinoma: a nested case-control study. *BMC Medicine*, **2017**, 15, 72	11.4	26
91	Translational cancer research: balancing prevention and treatment to combat cancer globally. *Journal of the National Cancer Institute*, **2015**, 107, 353	9.7	26
90	Prospective Investigation of Serum Metabolites, Coffee Drinking, Liver Cancer Incidence, and Liver Disease Mortality. *Journal of the National Cancer Institute*, **2020**, 112, 286-294	9.7	26
89	Procyanidins are not bioavailable in rats fed a single meal containing a grapeseed extract or the procyanidin dimer B3. *British Journal of Nutrition*, **2002**, 87, 299-306	3.6	25
88	Prospective Association between Total and Specific Dietary Polyphenol Intakes and Cardiovascular Disease Risk in the Nutrinet-Santé French Cohort. *Nutrients*, **2018**, 10,	6.7	25
87	A prospective evaluation of plasma polyphenol levels and colon cancer risk. *International Journal of Cancer*, **2018**, 143, 1620-1631	7.5	24
86	Plasma elaidic acid level as biomarker of industrial trans fatty acids and risk of weight change: report from the EPIC study. *PLoS ONE*, **2015**, 10, e0118206	3.7	24
85	Pre-diagnostic polyphenol intake and breast cancer survival: the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. *Breast Cancer Research and Treatment*, **2015**, 154, 389-401	4.4	24
84	compMS2Miner: An Automatable Metabolite Identification, Visualization, and Data-Sharing R Package for High-Resolution LC-MS Data Sets. *Analytical Chemistry*, **2017**, 89, 3919-3928	7.8	23
83	Estimated dietary intake of polyphenols in European adolescents: the HELENA study. *European Journal of Nutrition*, **2019**, 58, 2345-2363	5.2	23
82	Dietary intake of total polyphenol and polyphenol classes and the risk of colorectal cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. *European Journal of Epidemiology*, **2018**, 33, 1063-1075	12.1	23
81	Quantification of 38 dietary polyphenols in plasma by differential isotope labelling and liquid chromatography electrospray ionization tandem mass spectrometry. *Journal of Chromatography A*, **2018**, 1558, 50-58	4.5	23
80	Plasma metabolites associated with colorectal cancer: A discovery-replication strategy. *International Journal of Cancer*, **2019**, 145, 1221-1231	7.5	22
79	Prediction of the wine polyphenol metabolic space: an application of the Phenol-Explorer database. *Molecular Nutrition and Food Research*, **2014**, 58, 466-77	5.9	22

78	Patterns in metabolite profile are associated with risk of more aggressive prostate cancer: A prospective study of 3,057 matched case-control sets from EPIC. *International Journal of Cancer*, **2020**, 146, 720-730	7.5	22
77	MetMSLine: an automated and fully integrated pipeline for rapid processing of high-resolution LC-MS metabolomic datasets. *Bioinformatics*, **2015**, 31, 788-90	7.2	21
76	A Metabolomic Study of Biomarkers of Habitual Coffee Intake in Four European Countries. *Molecular Nutrition and Food Research*, **2019**, 63, e1900659	5.9	20
75	Distinct Molecular Phenotype of Sporadic Colorectal Cancers Among Young Patients Based on Multiomics Analysis. *Gastroenterology*, **2020**, 158, 1155-1158.e2	13.3	20
74	Circulating Metabolites Associated with Alcohol Intake in the European Prospective Investigation into Cancer and Nutrition Cohort. *Nutrients*, **2018**, 10,	6.7	20
73	Dietary Polyphenols in the Aetiology of Crohn Disease and Ulcerative Colitis-A Multicenter European Prospective Cohort Study (EPIC). *Inflammatory Bowel Diseases*, **2017**, 23, 2072-2082	4.5	18
72	Dihydroflavonol 4-reductase activity in lignocellulosic tissues. *Phytochemistry*, **1997**, 45, 1415-1418	4	18
71	Orally administered isoflavones are present as glucuronides in the human prostate. *Nutrition and Cancer*, **2008**, 60, 461-8	2.8	18
70	Mammalian lignan formation in rats fed a wheat bran diet. *Journal of Agricultural and Food Chemistry*, **2002**, 50, 6222-6	5.7	18
69	Associations between habitual flavonoid intake and hospital admissions for atherosclerotic cardiovascular disease: a prospective cohort study. *Lancet Planetary Health, The*, **2019**, 3, e450-e459	9.8	18
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