

Alan Crozier

List of Publications by Citations

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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.

338
papers

24,825
citations

83
h-index

148
g-index

359
ext. papers

27,213
ext. citations

6.2
avg, IF

7.03
L-index

#	Paper	IF	Citations
338	Dietary (poly)phenolics in human health: structures, bioavailability, and evidence of protective effects against chronic diseases. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1818-92	8.4	1592
337	Dietary phenolics: chemistry, bioavailability and effects on health. <i>Natural Product Reports</i> , 2009 , 26, 1001-43	15.1	1386
336	Plant foods and herbal sources of resveratrol. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 3337-40	5.9	692
335	Quantitative Analysis of the Flavonoid Content of Commercial Tomatoes, Onions, Lettuce, and Celery. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 590-595	5.7	521
334	Plasma antioxidants from chocolate. <i>Nature</i> , 2003 , 424, 1013	50.4	427
333	How should we assess the effects of exposure to dietary polyphenols in vitro?. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 15-21	7	405
332	Bioavailability, bioactivity and impact on health of dietary flavonoids and related compounds: an update. <i>Archives of Toxicology</i> , 2014 , 88, 1803-53	5.8	386
331	Bioavailability of dietary flavonoids and phenolic compounds. <i>Molecular Aspects of Medicine</i> , 2010 , 31, 446-67	16.7	367
330	HPLC-MSn analysis of phenolic compounds and purine alkaloids in green and black tea. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 2807-15	5.7	350
329	Occurrence of flavonols in tomatoes and tomato-based products. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 2663-9	5.7	333
328	Relationship among antioxidant activity, vasodilation capacity, and phenolic content of red wines. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 220-30	5.7	328
327	Metabolite profiling of hydroxycinnamate derivatives in plasma and urine after the ingestion of coffee by humans: identification of biomarkers of coffee consumption. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1749-58	4	300
326	Absorption, excretion and metabolite profiling of methyl-, glucuronyl-, glucosyl- and sulpho-conjugates of quercetin in human plasma and urine after ingestion of onions. <i>British Journal of Nutrition</i> , 2006 , 96, 107-16	3.6	294
325	Coffee: biochemistry and potential impact on health. <i>Food and Function</i> , 2014 , 5, 1695-717	6.1	287
324	Identification of flavonoid and phenolic antioxidants in black currants, blueberries, raspberries, red currants, and cranberries. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3901-9	5.7	282
323	Caffeine and related purine alkaloids: biosynthesis, catabolism, function and genetic engineering. <i>Phytochemistry</i> , 2008 , 69, 841-56	4	269
322	Ellagitannins, flavonoids, and other phenolics in red raspberries and their contribution to antioxidant capacity and vasorelaxation properties. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 5191-6	5.7	267

321	Berry flavonoids and phenolics: bioavailability and evidence of protective effects. <i>British Journal of Nutrition</i> , 2010 , 104 Suppl 3, S67-90	3.6	250
320	The absorption, metabolism and excretion of flavan-3-ols and procyanidins following the ingestion of a grape seed extract by rats. <i>British Journal of Nutrition</i> , 2005 , 94, 170-81	3.6	246
319	The effects of cranberry juice consumption on antioxidant status and biomarkers relating to heart disease and cancer in healthy human volunteers. <i>European Journal of Nutrition</i> , 2006 , 45, 113-22	5.2	245
318	Polyphenols and health: what compounds are involved?. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010 , 20, 1-6	4.5	241
317	Oenology: red wine procyanidins and vascular health. <i>Nature</i> , 2006 , 444, 566	50.4	241
316	Total phenol, flavonoid, proanthocyanidin and vitamin C levels and antioxidant activities of Mauritian vegetables. <i>Journal of the Science of Food and Agriculture</i> , 2004 , 84, 1553-1561	4.3	232
315	The Bioavailability, Transport, and Bioactivity of Dietary Flavonoids: A Review from a Historical Perspective. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2018 , 17, 1054-1112	16.4	231
314	Effect of fruit juice intake on urinary quercetin excretion and biomarkers of antioxidative status. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 87-94	7	225
313	Analysis of ellagitannins and conjugates of ellagic acid and quercetin in raspberry fruits by LC-MSn. <i>Phytochemistry</i> , 2003 , 64, 617-24	4	205
312	Caffeine: a well known but little mentioned compound in plant science. <i>Trends in Plant Science</i> , 2001 , 6, 407-13	13.1	205
311	Green tea flavan-3-ols: colonic degradation and urinary excretion of catabolites by humans. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 1296-304	5.7	195
310	Bioavailability of anthocyanins and ellagitannins following consumption of raspberries by healthy humans and subjects with an ileostomy. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3933-9	5.7	193
309	The effect of nitrogen and phosphorus deficiency on flavonol accumulation in plant tissues. <i>Plant, Cell and Environment</i> , 2001 , 24, 1189-1197	8.4	193
308	Antioxidant actions and phenolic and vitamin C contents of common Mauritian exotic fruits. <i>Journal of the Science of Food and Agriculture</i> , 2003 , 83, 496-502	4.3	192
307	Evaluation of phenolic compounds in commercial fruit juices and fruit drinks. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 3148-57	5.7	187
306	Bioavailability of chlorogenic acids following acute ingestion of coffee by humans with an ileostomy. <i>Archives of Biochemistry and Biophysics</i> , 2010 , 501, 98-105	4.1	186
305	Rapid and comprehensive evaluation of (poly)phenolic compounds in pomegranate (<i>Punica granatum</i> L.) juice by UHPLC-MSn. <i>Molecules</i> , 2012 , 17, 14821-40	4.8	186
304	Absorption, metabolism and excretion of Choldi green tea flavan-3-ols by humans. <i>Molecular Nutrition and Food Research</i> , 2009 , 53 Suppl 1, S44-53	5.9	168

303	Human studies on the absorption, distribution, metabolism, and excretion of tea polyphenols. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 1619S-1630S	7	165
302	Survey of the Free and Conjugated Myricetin and Quercetin Content of Red Wines of Different Geographical Origins. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 368-375	5.7	161
301	Production of gibberellins and indole-3-acetic acid by Rhizobium phaseoli in relation to nodulation of Phaseolus vulgaris roots. <i>Planta</i> , 1988 , 175, 532-8	4.7	161
300	Chlorogenic acids and the acyl-quinic acids: discovery, biosynthesis, bioavailability and bioactivity. <i>Natural Product Reports</i> , 2017 , 34, 1391-1421	15.1	159
299	Caffeine synthase gene from tea leaves. <i>Nature</i> , 2000 , 406, 956-7	50.4	156
298	Anthocyanins and Flavanones Are More Bioavailable than Previously Perceived: A Review of Recent Evidence. <i>Annual Review of Food Science and Technology</i> , 2017 , 8, 155-180	14.7	155
297	The relative contribution of the small and large intestine to the absorption and metabolism of rutin in man. <i>Free Radical Research</i> , 2006 , 40, 1035-46	4	155
296	Bioavailability of pelargonidin-3-O-glucoside and its metabolites in humans following the ingestion of strawberries with and without cream. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 713-9	5.7	151
295	The metabolome of [2-(14)C](-)-epicatechin in humans: implications for the assessment of efficacy, safety, and mechanisms of action of polyphenolic bioactives. <i>Scientific Reports</i> , 2016 , 6, 29034	4.9	149
294	Absorption, metabolism, and excretion of green tea flavan-3-ols in humans with an ileostomy. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 323-34	5.9	148
293	Potential Health Benefits of Berries. <i>Current Nutrition and Food Science</i> , 2005 , 1, 71-86	0.7	146
292	On-line high-performance liquid chromatography analysis of the antioxidant activity of phenolic compounds in green and black tea. <i>Molecular Nutrition and Food Research</i> , 2005 , 49, 52-60	5.9	145
291	Absorption and excretion of conjugated flavonols, including quercetin-4'-O-beta-glucoside and isorhamnetin-4'-O-beta-glucoside by human volunteers after the consumption of onions. <i>Free Radical Research</i> , 1998 , 29, 257-69	4	144
290	Dietary flavonols protect diabetic human lymphocytes against oxidative damage to DNA. <i>Diabetes</i> , 1999 , 48, 176-81	0.9	141
289	The biological activities of 26 gibberellins in nine plant bioassays. <i>Canadian Journal of Botany</i> , 1970 , 48, 867-877		141
288	Plant-derived phenolic antioxidants. <i>Current Opinion in Lipidology</i> , 2000 , 11, 43-7	4.4	139
287	Antiglycative and neuroprotective activity of colon-derived polyphenol catabolites. <i>Molecular Nutrition and Food Research</i> , 2011 , 55 Suppl 1, S35-43	5.9	138
286	Colonic catabolism of ellagitannins, ellagic acid, and raspberry anthocyanins: in vivo and in vitro studies. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 1680-8	4	137

285	Berry (poly)phenols and cardiovascular health. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 3842-51	5.1	130
284	Bioavailability and metabolism of orange juice flavanones in humans: impact of a full-fat yogurt. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 11157-64	5.7	127
283	New insights into the bioavailability of red raspberry anthocyanins and ellagitannins. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 758-69	7.8	125
282	Variations in caffeine and chlorogenic acid contents of coffees: what are we drinking?. <i>Food and Function</i> , 2014 , 5, 1718-26	6.1	124
281	Espresso coffees, caffeine and chlorogenic acid intake: potential health implications. <i>Food and Function</i> , 2012 , 3, 30-3	6.1	124
280	Quantitative analysis of flavonoids by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1997 , 761, 315-321	4.5	123
279	Effect of freezing and storage on the phenolics, ellagitannins, flavonoids, and antioxidant capacity of red raspberries. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 5197-201	5.7	121
278	Plant-derived phenolic antioxidants. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2000 , 3, 447-51	3.8	117
277	Phenyl-Valerolactones and phenylvaleric acids, the main colonic metabolites of flavan-3-ols: synthesis, analysis, bioavailability, and bioactivity. <i>Natural Product Reports</i> , 2019 , 36, 714-752	15.1	114
276	Extraction of phenolics and changes in antioxidant activity of red wines during vinification. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 5797-808	5.7	111
275	Flavonoid and chlorogenic acid profiles of English cider apples. <i>Journal of the Science of Food and Agriculture</i> , 2007 , 87, 719-728	4.3	110
274	Milk decreases urinary excretion but not plasma pharmacokinetics of cocoa flavan-3-ol metabolites in humans. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1784-91	7	108
273	Orange juice (poly)phenols are highly bioavailable in humans. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1378-84	7	104
272	Determination of flavonol metabolites in plasma and tissues of rats by HPLC-radiocounting and tandem mass spectrometry following oral ingestion of [2-(14)C]quercetin-4'-glucoside. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 6902-9	5.7	104
271	Bioavailability of polyphenon E flavan-3-ols in humans with an ileostomy. <i>Journal of Nutrition</i> , 2008 , 138, 1535S-1542S	4.1	103
270	Biosynthesis of Caffeine in Leaves of Coffee. <i>Plant Physiology</i> , 1996 , 111, 747-753	6.6	103
269	Wine by-products: phenolic characterization and antioxidant activity evaluation of grapes and grape pomaces from six different French grape varieties. <i>Molecules</i> , 2014 , 19, 482-506	4.8	102
268	In vitro catabolism of rutin by human fecal bacteria and the antioxidant capacity of its catabolites. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 1180-9	7.8	101

267	Chromatography of 33 gibberellins on a gradient eluted silica gel partition column. <i>Phytochemistry</i> , 1972 , 11, 3029-3033	4	99
266	The influence of moderate red wine consumption on antioxidant status and indices of oxidative stress associated with CHD in healthy volunteers. <i>British Journal of Nutrition</i> , 2005 , 93, 233-40	3.6	96
265	Antioxidant flavonols from fruits, vegetables and beverages: measurements and bioavailability. <i>Biological Research</i> , 2000 , 33, 79-88	7.6	96
264	The bioavailability of raspberry anthocyanins and ellagitannins in rats. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 714-25	5.9	95
263	Metabolic conversion of dietary flavonoids alters their anti-inflammatory and antioxidant properties. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 454-63	7.8	94
262	Purification and characterization of caffeine synthase from tea leaves. <i>Plant Physiology</i> , 1999 , 120, 579-866		94
261	Bioavailability of [2-(14)C]quercetin-4'-glucoside in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 12127-37	5.7	93
260	Characterization of the antioxidant functions of flavonoids and proanthocyanidins in Mauritian black teas. <i>Food Research International</i> , 2005 , 38, 357-367	7	91
259	Gastrointestinal stability and bioavailability of (poly)phenolic compounds following ingestion of Concord grape juice by humans. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 497-509	5.9	87
258	Distribution and biosynthesis of flavan-3-ols in <i>Camellia sinensis</i> seedlings and expression of genes encoding biosynthetic enzymes. <i>Phytochemistry</i> , 2010 , 71, 559-66	4	87
257	Bioavailability of coffee chlorogenic acids and green tea flavan-3-ols. <i>Nutrients</i> , 2010 , 2, 820-33	6.7	84
256	Prediction of dietary flavonol consumption from fasting plasma concentration or urinary excretion. <i>European Journal of Clinical Nutrition</i> , 2000 , 54, 143-9	5.2	84
255	Phytochemical profiles of black, red, brown, and white rice from the Camargue region of France. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 7976-86	5.7	83
254	Identification of (poly)phenolic compounds in concord grape juice and their metabolites in human plasma and urine after juice consumption. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 9512-22	5.7	83
253	Impact of dose on the bioavailability of coffee chlorogenic acids in humans. <i>Food and Function</i> , 2014 , 5, 1727-37	6.1	80
252	Comparison of the polyphenolic composition and antioxidant activity of European commercial fruit juices. <i>Food and Function</i> , 2010 , 1, 73-83	6.1	80
251	On-line HPLC analysis of the antioxidant activity of phenolic compounds in brewed, paper-filtered coffee. <i>Brazilian Journal of Plant Physiology</i> , 2006 , 18, 253-262		79
250	Analysis of Indole-3-Acetic Acid and Related Indoles in Culture Medium from <i>Azospirillum lipoferum</i> and <i>Azospirillum brasilense</i> . <i>Applied and Environmental Microbiology</i> , 1988 , 54, 2833-7	4.8	79

249	Rapid characterization of anthocyanins in red raspberry fruit by high-performance liquid chromatography coupled to single quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2002 , 966, 63-70	4.5	76
248	Indole-3-acetic acid homeostasis in transgenic tobacco plants expressing the <i>Agrobacterium rhizogenes</i> rolB gene. <i>Plant Journal</i> , 1993 , 3, 681-689	6.9	76
247	Absorption, metabolism, distribution and excretion of (-)-epicatechin: A review of recent findings. <i>Molecular Aspects of Medicine</i> , 2018 , 61, 18-30	16.7	76
246	Bioavailability of dietary (poly)phenols: a study with ileostomists to discriminate between absorption in small and large intestine. <i>Food and Function</i> , 2013 , 4, 754-62	6.1	75
245	Biosynthesis and Metabolism of Caffeine and Related Purine Alkaloids in Plants. <i>Advances in Botanical Research</i> , 1999 , 30, 117-205	2.2	75
244	Identification of proanthocyanidin dimers and trimers, flavone C-Glycosides, and antioxidants in <i>Ficus deltoidea</i> , a Malaysian herbal tea. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 1363-9	5.7	74
243	A structural basis for the inhibition of collagen-stimulated platelet function by quercetin and structurally related flavonoids. <i>British Journal of Pharmacology</i> , 2010 , 159, 1312-25	8.6	74
242	Effects of Waterlogging on the Gibberellin Content and Growth of Tomato Plants. <i>Journal of Experimental Botany</i> , 1971 , 22, 39-48	7	74
241	Yoghurt impacts on the excretion of phenolic acids derived from colonic breakdown of orange juice flavanones in humans. <i>Molecular Nutrition and Food Research</i> , 2009 , 53 Suppl 1, S68-75	5.9	73
240	Bioavailability of C-linked dihydrochalcone and flavanone glucosides in humans following ingestion of unfermented and fermented rooibos teas. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 7104-11	5.7	73
239	Potassium deficiency induces the biosynthesis of oxylipins and glucosinolates in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2010 , 10, 172	5.3	71
238	Flavonoids in tropical citrus species. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 12217-25	5.7	70
237	Bioavailability of multiple components following acute ingestion of a polyphenol-rich juice drink. <i>Molecular Nutrition and Food Research</i> , 2010 , 54 Suppl 2, S268-77	5.9	70
236	Caffeine biosynthesis in young leaves of <i>Camellia sinensis</i> : In vitro studies on N-methyltransferase activity involved in the conversion of xanthosine to caffeine. <i>Physiologia Plantarum</i> , 1996 , 98, 629-636	4.6	69
235	The effects of flooding on the export of gibberellins from the root to the shoot. <i>Planta</i> , 1969 , 89, 376-9	4.7	68
234	Variations in the profile and content of anthocyanins in wines made from cabernet sauvignon and hybrid grapes. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 4096-102	5.7	67
233	Bioavailability of Black Tea Theaflavins: Absorption, Metabolism, and Colonic Catabolism. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 5365-5374	5.7	65
232	Phytochemical profile of a Japanese black-purple rice. <i>Food Chemistry</i> , 2013 , 141, 2821-7	8.5	65

231	Disposition and metabolism of [2-14C]quercetin-4'-glucoside in rats. <i>Drug Metabolism and Disposition</i> , 2005 , 33, 1036-43	4	65
230	A new caffeine biosynthetic pathway in tea leaves: utilisation of adenosine released from the S-adenosyl-L-methionine cycle. <i>FEBS Letters</i> , 2001 , 499, 50-4	3.8	65
229	In vitro colonic catabolism of orange juice (poly)phenols. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 465-75	5.9	64
228	Identification of Plasma and Urinary Metabolites and Catabolites Derived from Orange Juice (Poly)phenols: Analysis by High-Performance Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 5724-35	5.7	63
227	Absorption, metabolism, and excretion of cider dihydrochalcones in healthy humans and subjects with an ileostomy. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 2009-15	5.7	62
226	Endogenous indoles and the biosynthesis and metabolism of indole-3-acetic acid in cultures of <i>Rhizobium phaseoli</i> . <i>Planta</i> , 1987 , 171, 422-8	4.7	61
225	Methylxanthines enhance the effects of cocoa flavanols on cardiovascular function: randomized, double-masked controlled studies. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 352-360	7	60
224	Chronic administration of a microencapsulated probiotic enhances the bioavailability of orange juice flavanones in humans. <i>Free Radical Biology and Medicine</i> , 2015 , 84, 206-214	7.8	60
223	In vivo administration of urolithin A and B prevents the occurrence of cardiac dysfunction in streptozotocin-induced diabetic rats. <i>Cardiovascular Diabetology</i> , 2017 , 16, 80	8.7	60
222	Colonic catabolism of dietary phenolic and polyphenolic compounds from Concord grape juice. <i>Food and Function</i> , 2013 , 4, 52-62	6.1	60
221	Severe, acute liver injury and khat leaves. <i>New England Journal of Medicine</i> , 2010 , 362, 1642-4	59.2	60
220	Metabolism of Caffeine and Related Purine Alkaloids in Leaves of Tea (<i>Camellia sinensis</i> L.). <i>Plant and Cell Physiology</i> , 1997 , 38, 413-419	4.9	60
219	Theacrine (1,3,7,9-tetramethyluric acid) synthesis in leaves of a Chinese tea, kucha (<i>Camellia assamica</i> var. kucha). <i>Phytochemistry</i> , 2002 , 60, 129-34	4	59
218	Radioactivity monitor for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1977 , 137, 271-282	4.5	59
217	Analysis of picogram quantities of indole-3-acetic acid by high performance liquid chromatography-fluorescence procedures. <i>Planta</i> , 1980 , 150, 366-70	4.7	57
216	In vitro and in vivo conjugation of dietary hydroxycinnamic acids by UDP-glucuronosyltransferases and sulfotransferases in humans. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 1060-8	6.3	54
215	Persistence of anticancer activity in berry extracts after simulated gastrointestinal digestion and colonic fermentation. <i>PLoS ONE</i> , 2012 , 7, e49740	3.7	53
214	Secondary Metabolites in Fruits, Vegetables, Beverages and Other Plant-based Dietary Components	208-302	53

213	Use of accurate mass full scan mass spectrometry for the analysis of anthocyanins in berries and berry-fed tissues. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3910-5	5.7	52
212	Phenols, Polyphenols and Tannins: An Overview1-24		52
211	Catabolism of caffeine and related purine alkaloids in leaves of <i>Coffea arabica</i> L.. <i>Planta</i> , 1996 , 198, 334-339	4.7	52
210	CCC-Induced increase of gibberellin levels in pea seedlings. <i>Planta</i> , 1970 , 94, 95-106	4.7	52
209	An Assessment of Gibberellin Structure-activity Relationships. <i>Journal of Experimental Botany</i> , 1974 , 25, 431-445	7	52
208	The effect of black tea on risk factors of cardiovascular disease in a normal population. <i>Preventive Medicine</i> , 2012 , 54 Suppl, S98-102	4.3	51
207	Do roots synthesize gibberellins?. <i>Canadian Journal of Botany</i> , 1971 , 49, 967-975		51
206	The biosynthesis of indole-3-acetic acid by <i>Frankia</i> . <i>Plant and Soil</i> , 1984 , 78, 99-104	4.2	50
205	First synthesis, characterization, and evidence for the presence of hydroxycinnamic acid sulfate and glucuronide conjugates in human biological fluids as a result of coffee consumption. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 5199-211	3.9	48
204	Biosynthesis and catabolism of caffeine in low-caffeine-containing species of <i>Coffea</i> . <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 3425-31	5.7	47
203	Dietary (Poly)phenols, Brown Adipose Tissue Activation, and Energy Expenditure: A Narrative Review. <i>Advances in Nutrition</i> , 2017 , 8, 694-704	10	45
202	Black tea reduces uric acid and C-reactive protein levels in humans susceptible to cardiovascular diseases. <i>Toxicology</i> , 2010 , 278, 68-74	4.4	45
201	Berry juices, teas, antioxidants and the prevention of atherosclerosis in hamsters. <i>Food Chemistry</i> , 2010 , 118, 266-271	8.5	45
200	Flavonoid metabolites in human plasma and urine after the consumption of red onions: analysis by liquid chromatography with photodiode array and full scan tandem mass spectrometric detection 2004 , 1058, 163-163		45
199	Trigonelline and related nicotinic acid metabolites: occurrence, biosynthesis, taxonomic considerations, and their roles in planta and in human health. <i>Phytochemistry Reviews</i> , 2015 , 14, 765-798	7.7	44
198	Trimethylamine-N-Oxide (TMAO)-Induced Impairment of Cardiomyocyte Function and the Protective Role of Urolithin B-Glucuronide. <i>Molecules</i> , 2018 , 23,	4.8	43
197	Comparison of in vivo and in vitro digestion on polyphenol composition in lingonberries: potential impact on colonic health. <i>BioFactors</i> , 2014 , 40, 611-23	6.1	43
196	HPLC-PDA-MS fingerprinting to assess the authenticity of pomegranate beverages. <i>Food Chemistry</i> , 2012 , 135, 1863-7	8.5	43

195	The biosynthesis and conjugation of indole-3-acetic acid in germinating seed and seedlings of <i>Dalbergia dolichopetala</i> . <i>Planta</i> , 1988 , 174, 561-8	4.7	43
194	Gastrointestinal absorption and metabolism of hesperetin-7-O-rutinoside and hesperetin-7-O-glucoside in healthy humans. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1651-62	5.9	42
193	Identification of metabolites in human plasma and urine after consumption of a polyphenol-rich juice drink. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2586-95	5.7	42
192	Purine salvage in plants. <i>Phytochemistry</i> , 2018 , 147, 89-124	4	40
191	Raspberry juice consumption, oxidative stress and reduction of atherosclerosis risk factors in hypercholesterolemic golden Syrian hamsters. <i>Food and Function</i> , 2011 , 2, 400-5	6.1	40
190	Caffeine metabolism in <i>Coffea arabica</i> and other species of coffee. <i>Phytochemistry</i> , 1991 , 30, 3913-3916	4	40
189	Urolithins at physiological concentrations affect the levels of pro-inflammatory cytokines and growth factor in cultured cardiac cells in hyperglucidic conditions. <i>Journal of Functional Foods</i> , 2015 , 15, 97-105	5.1	39
188	Anti-estrogenic activity of a human resveratrol metabolite. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 1086-92	4.5	39
187	Analysis of 3-indole carboxylic acid in <i>Pinus sylvestris</i> needles. <i>Phytochemistry</i> , 1984 , 23, 99-102	4	39
186	The relative importance of tryptophan-dependent and tryptophan-independent biosynthesis of indole-3-acetic acid in tobacco during vegetative growth. <i>Planta</i> , 2000 , 211, 715-21	4.7	38
185	A comprehensive evaluation of the [2-C](-)-epicatechin metabolome in rats. <i>Free Radical Biology and Medicine</i> , 2016 , 99, 128-138	7.8	36
184	Electron spin resonance (ESR) spectroscopic assessment of the contribution of quercetin and other flavonols to the antioxidant capacity of red wines. <i>Journal of the Science of Food and Agriculture</i> , 1999 , 79, 1011-1014	4.3	35
183	Metabolism of Indole-3-Acetic Acid by Pericarp Discs from Immature and Mature Tomato (<i>Lycopersicon esculentum</i> Mill). <i>Plant Physiology</i> , 1992 , 100, 1457-63	6.6	35
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