

# G K Jayaprakasha

## List of Publications by Citations

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237  
papers

12,455  
citations

60  
h-index

104  
g-index

249  
ext. papers

13,795  
ext. citations

4.4  
avg, IF

6.59  
L-index

#	Paper	IF	Citations
237	Studies on the antioxidant activity of pomegranate ( <i>Punica granatum</i> ) peel and seed extracts using in vitro models. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 81-6	5.7	821
236	Antioxidant activity of grape seed ( <i>Vitis vinifera</i> ) extracts on peroxidation models in vitro. <i>Food Chemistry</i> , <b>2001</b> , 73, 285-290	8.5	738
235	Antibacterial and antioxidant activities of grape ( <i>Vitis vinifera</i> ) seed extracts. <i>Food Research International</i> , <b>2003</b> , 36, 117-122	7	415
234	Antibacterial activity of turmeric oil: a byproduct from curcumin manufacture. <i>Journal of Agricultural and Food Chemistry</i> , <b>1999</b> , 47, 4297-300	5.7	363
233	Antioxidant and antimutagenic activities of pomegranate peel extracts. <i>Food Chemistry</i> , <b>2003</b> , 80, 393-397	5.7	313
232	Antioxidant activity of citrus limonoids, flavonoids, and coumarins. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 2009-14	5.7	313
231	Improved HPLC method for the determination of curcumin, demethoxycurcumin, and bisdemethoxycurcumin. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 3668-72	5.7	278
230	Antioxidant activities of curcumin, demethoxycurcumin and bisdemethoxycurcumin. <i>Food Chemistry</i> , <b>2006</b> , 98, 720-724	8.5	267
229	Studies on antioxidant activity of pomegranate ( <i>Punica granatum</i> ) peel extract using in vivo models. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 4791-5	5.7	242
228	Suppression of bacterial cell-cell signalling, biofilm formation and type III secretion system by citrus flavonoids. <i>Journal of Applied Microbiology</i> , <b>2010</b> , 109, 515-527	4.7	222
227	Chemistry and biological activities of <i>C. longa</i> . <i>Trends in Food Science and Technology</i> , <b>2005</b> , 16, 533-548	15.3	207
226	Bioactive compounds: historical perspectives, opportunities, and challenges. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 8142-60	5.7	181
225	Chemistry and biochemistry of (-)-hydroxycitric acid from <i>Garcinia</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 10-22	5.7	175
224	In vitro evaluation of the antioxidant activities in fruit extracts from citron and blood orange. <i>Food Chemistry</i> , <b>2007</b> , 101, 410-418	8.5	172
223	Antioxidant and Antibacterial Activities of <i>Punica granatum</i> Peel Extracts. <i>Journal of Food Science</i> , <b>2003</b> , 68, 1473-1477	3.4	167
222	Radical scavenging activities of Rio Red grapefruits and Sour orange fruit extracts in different in vitro model systems. <i>Bioresource Technology</i> , <b>2008</b> , 99, 4484-94	11	160
221	Differential inhibition of human cancer cell proliferation by citrus limonoids. <i>Nutrition and Cancer</i> , <b>2001</b> , 40, 180-4	2.8	154

220	Suppression of colon carcinogenesis by bioactive compounds in grapefruit. <i>Carcinogenesis</i> , <b>2006</b> , 27, 1257-65	4.6	150
219	Antioxidant activity of the extracts from <i>Dillenia indica</i> fruits. <i>Food Chemistry</i> , <b>2005</b> , 90, 891-896	8.5	149
218	Grapefruit juice and its furocoumarins inhibits autoinducer signaling and biofilm formation in bacteria. <i>International Journal of Food Microbiology</i> , <b>2008</b> , 125, 204-8	5.8	142
217	Chemistry, biogenesis, and biological activities of <i>Cinnamomum zeylanicum</i> . <i>Critical Reviews in Food Science and Nutrition</i> , <b>2011</b> , 51, 547-62	11.5	132
216	Berberine induces apoptosis in breast cancer cells (MCF-7) through mitochondrial-dependent pathway. <i>European Journal of Pharmacology</i> , <b>2010</b> , 645, 70-8	5.3	130
215	Antioxidant activities of flavidin in different in vitro model systems. <i>Bioorganic and Medicinal Chemistry</i> , <b>2004</b> , 12, 5141-6	3.4	129
214	Evaluation of antioxidant activities and antimutagenicity of turmeric oil: a byproduct from curcumin production. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2002</b> , 57, 828-35	1.7	122
213	Antioxidant activities of grape ( <i>Vitis vinifera</i> ) pomace extracts. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 5909-14	5.7	120
212	Citrus limonoids induce apoptosis in human neuroblastoma cells and have radical scavenging activity. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 870-7	4.1	119
211	Volatile constituents from <i>Cinnamomum zeylanicum</i> fruit stalks and their antioxidant activities. <i>Journal of Agricultural and Food Chemistry</i> , <b>2003</b> , 51, 4344-8	5.7	117
210	Phenolic constituents in the fruits of <i>Cinnamomum zeylanicum</i> and their antioxidant activity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 1672-9	5.7	110
209	Bioactive compounds from Mexican lime ( <i>Citrus aurantifolia</i> ) juice induce apoptosis in human pancreatic cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 10933-42	5.7	109
208	Antioxidant and antimutagenic activities of <i>Cinnamomum zeylanicum</i> fruit extracts. <i>Journal of Food Composition and Analysis</i> , <b>2007</b> , 20, 330-336	4.1	106
207	Apigenin and naringenin suppress colon carcinogenesis through the aberrant crypt stage in azoxymethane-treated rats. <i>Experimental Biology and Medicine</i> , <b>2010</b> , 235, 710-7	3.7	105
206	Phenolic constituents from the lichen <i>Parmotrema stippeum</i> (Nyl.) Hale and their antioxidant activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2000</b> , 55, 1018-22	1.7	102
205	Inhibition of colon cancer cell growth and antioxidant activity of bioactive compounds from <i>Poncirus trifoliata</i> (L.) Raf. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 4923-32	3.4	96
204	Furocoumarins from grapefruit juice and their effect on human CYP 3A4 and CYP 1B1 isoenzymes. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 2606-12	3.4	92
203	Variation in the content of bioactive flavonoids in different brands of orange and grapefruit juices. <i>Journal of Food Composition and Analysis</i> , <b>2006</b> , 19, 157-166	4.1	91

202	Antiproliferative effects of citrus limonoids against human neuroblastoma and colonic adenocarcinoma cells. <i>Nutrition and Cancer</i> , <b>2006</b> , 56, 103-12	2.8	79
201	Citrus limonin and its glucoside inhibit colon adenocarcinoma cell proliferation through apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 2314-23	5.7	77
200	Apoptosis-mediated proliferation inhibition of human colon cancer cells by volatile principles of <i>Citrus aurantifolia</i> . <i>Food Chemistry</i> , <b>2009</b> , 114, 1351-1358	8.5	77
199	Citrus limonoids interfere with <i>Vibrio harveyi</i> cell-cell signalling and biofilm formation by modulating the response regulator LuxO. <i>Microbiology (United Kingdom)</i> , <b>2011</b> , 157, 99-110	2.9	77
198	The natural alkaloid berberine targets multiple pathways to induce cell death in cultured human colon cancer cells. <i>European Journal of Pharmacology</i> , <b>2012</b> , 688, 14-21	5.3	74
197	Nanoparticle-Mediated Seed Priming Improves Germination, Growth, Yield, and Quality of Watermelons ( <i>Citrullus lanatus</i> ) at multi-locations in Texas. <i>Scientific Reports</i> , <b>2020</b> , 10, 5037	4.9	73
196	Variation of antioxidant activity and the levels of bioactive compounds in lipophilic and hydrophilic extracts from hot pepper ( <i>Capsicum</i> spp.) cultivars. <i>Food Chemistry</i> , <b>2012</b> , 134, 1912-8	8.5	73
195	Citrus juice modulates bone strength in male senescent rat model of osteoporosis. <i>Nutrition</i> , <b>2006</b> , 22, 559-63	4.8	71
194	Irradiation and storage influence on bioactive components and quality of early and late season Rio Red grapefruit ( <i>Citrus paradisi</i> Macf.). <i>Postharvest Biology and Technology</i> , <b>2004</b> , 34, 53-64	6.2	71
193	Grapefruit bioactive limonoids modulate <i>E. coli</i> O157:H7 TTSS and biofilm. <i>International Journal of Food Microbiology</i> , <b>2010</b> , 140, 109-16	5.8	70
192	D-limonene rich volatile oil from blood oranges inhibits angiogenesis, metastasis and cell death in human colon cancer cells. <i>Life Sciences</i> , <b>2012</b> , 91, 429-439	6.8	68
191	Novel triterpenoid from <i>Citrus aurantium</i> L. possesses chemopreventive properties against human colon cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 5939-51	3.4	67
190	Extraction efficiency and validation of an HPLC method for flavonoid analysis in peppers. <i>Food Chemistry</i> , <b>2012</b> , 130, 751-758	8.5	66
189	Supercritical fluid extraction of limonoids and naringin from grapefruit ( <i>Citrus paradisi</i> Macf.) seeds. <i>Food Chemistry</i> , <b>2007</b> , 105, 1026-1031	8.5	65
188	Bioactive compounds of grapefruit ( <i>Citrus paradisi</i> Cv. Rio Red) respond differently to postharvest irradiation, storage, and freeze drying. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 3980-5	5.7	64
187	Inhibition of growth and aflatoxin production in <i>Aspergillus flavus</i> by <i>Garcinia indica</i> extract and its antioxidant activity. <i>Food Microbiology</i> , <b>2003</b> , 20, 455-460	6	64
186	Seed Priming with Iron Oxide Nanoparticles Modulate Antioxidant Potential and Defense-Linked Hormones in Watermelon Seedlings. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 5142-5151	8.3	62
185	Differential inhibition of human colon cancer cells by structurally similar flavonoids of citrus. <i>Food Chemistry</i> , <b>2012</b> , 132, 27-34	8.5	62

184	Antiaflatoxic and antioxidant activities of Garcinia extracts. <i>International Journal of Food Microbiology</i> , <b>2005</b> , 101, 153-60	5.8	62
183	Citrus pectin: characterization and inhibitory effect on fibroblast growth factor-receptor interaction. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 3051-7	5.7	62
182	The effects of daily consumption of grapefruit on body weight, lipids, and blood pressure in healthy, overweight adults. <i>Metabolism: Clinical and Experimental</i> , <b>2012</b> , 61, 1026-35	12.7	61
181	An improved sample preparation method for quantification of ascorbic acid and dehydroascorbic acid by HPLC. <i>LWT - Food Science and Technology</i> , <b>2012</b> , 47, 443-449	5.4	61
180	Limonoids from Citrus reticulata and their moult inhibiting activity in mosquito Culex quinquefasciatus larvae. <i>Phytochemistry</i> , <b>1997</b> , 44, 843-6	4	60
179	Simultaneous determination of citrus limonoid aglycones and glucosides by high performance liquid chromatography. <i>Analytica Chimica Acta</i> , <b>2007</b> , 590, 180-6	6.6	60
178	Potent inhibition of human cytochrome P450 3A4, 2D6, and 2C9 isoenzymes by grapefruit juice and its furocoumarins. <i>Journal of Food Science</i> , <b>2007</b> , 72, C417-21	3.4	60
177	Rapid simultaneous determination of amines and organic acids in citrus using high-performance liquid chromatography. <i>Talanta</i> , <b>2011</b> , 83, 948-54	6.2	58
176	Review on Bile Acids: Effects of the Gut Microbiome, Interactions with Dietary Fiber, and Alterations in the Bioaccessibility of Bioactive Compounds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 9124-9138	5.7	55
175	Hydrotropic extraction of bioactive limonin from sour orange (Citrus aurantium L.) seeds. <i>Food Chemistry</i> , <b>2008</b> , 109, 515-520	8.5	55
174	Citrus bioactive compounds improve bone quality and plasma antioxidant activity in orchidectomized rats. <i>Phytomedicine</i> , <b>2009</b> , 16, 513-20	6.5	54
173	Low temperature conditioning reduces chilling injury while maintaining quality and certain bioactive compounds of 'Star Ruby' grapefruit. <i>Food Chemistry</i> , <b>2014</b> , 153, 243-9	8.5	53
172	Determination of organic acids in leaves and rinds of Garcinia indica (Desr.) by LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2002</b> , 28, 379-84	3.5	53
171	Bioactive compounds from sour orange inhibit colon cancer cell proliferation and induce cell cycle arrest. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 180-6	5.7	52
170	Antibacterial activity of Citrus reticulata peel extracts. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2000</b> , 55, 1030-4	1.7	51
169	Limonoids and their anti-proliferative and anti-aromatase properties in human breast cancer cells. <i>Food and Function</i> , <b>2013</b> , 4, 258-65	6.1	50
168	Characterization of Citrus aurantifolia bioactive compounds and their inhibition of human pancreatic cancer cells through apoptosis. <i>Microchemical Journal</i> , <b>2010</b> , 94, 108-117	4.8	50
167	Structure-Dependent Modulation of Aryl Hydrocarbon Receptor-Mediated Activities by Flavonoids. <i>Toxicological Sciences</i> , <b>2018</b> , 164, 205-217	4.4	48

166	Does ethylene degreening affect internal quality of citrus fruit?. <i>Postharvest Biology and Technology</i> , <b>2011</b> , 62, 50-58	6.2	48
165	Antioxidant capacity of pummelo and navel oranges: Extraction efficiency of solvents in sequence. <i>LWT - Food Science and Technology</i> , <b>2008</b> , 41, 376-384	5.4	48
164	Green-Synthesized Nanoparticles Enhanced Seedling Growth, Yield, and Quality of Onion ( <i>Allium cepa</i> L.). <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 14580-14590	8.3	47
163	Antibacterial activity of the extracts from the fruit rinds of <i>Garcinia cowa</i> and <i>Garcinia pedunculata</i> against food borne pathogens and spoilage bacteria. <i>LWT - Food Science and Technology</i> , <b>2008</b> , 41, 1857-1861	5.4	46
162	Limonin methoxylation influences the induction of glutathione S-transferase and quinone reductase. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 5279-86	5.7	44
161	Determination of organic acids in <i>Garcinia cambogia</i> (Desr.) by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1998</b> , 806, 337-339	4.5	44
160	Identification of ground beef-derived fatty acid inhibitors of autoinducer-2-based cell signaling. <i>Journal of Food Protection</i> , <b>2008</b> , 71, 134-8	2.5	44
159	Purification of citrus limonoids and their differential inhibitory effects on human cytochrome P450 enzymes. <i>Journal of the Science of Food and Agriculture</i> , <b>2007</b> , 87, 1699-1709	4.3	44
158	Antibacterial activity of grapefruit ( <i>Citrus paradisi</i> ) peel extracts. <i>European Food Research and Technology</i> , <b>2001</b> , 213, 484-487	3.4	43
157	Degreening and postharvest storage influences 'Star Ruby' grapefruit ( <i>Citrus paradisi</i> Macf.) bioactive compounds. <i>Food Chemistry</i> , <b>2012</b> , 135, 1667-75	8.5	42
156	Influence of electron-beam irradiation on bioactive compounds in grapefruits ( <i>Citrus paradisi</i> Macf.). <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 10941-6	5.7	42
155	Radical scavenging and cytochrome P450 3A4 inhibitory activity of bergaptol and geranylcoumarin from grapefruit. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 3684-91	3.4	42
154	Citrus limonoids and curcumin additively inhibit human colon cancer cells. <i>Food and Function</i> , <b>2013</b> , 4, 803-10	6.1	41
153	Dietary curcumin and limonin suppress CD4+ T-cell proliferation and interleukin-2 production in mice. <i>Journal of Nutrition</i> , <b>2009</b> , 139, 1042-8	4.1	41
152	Red Mexican grapefruit: a novel source for bioactive limonoids and their antioxidant activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2007</b> , 62, 179-88	1.7	41
151	Chemical composition of turmeric oil—a byproduct from turmeric oleoresin industry and its inhibitory activity against different fungi. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2001</b> , 56, 40-4	1.7	41
150	Chemical composition of volatile oil from <i>Cinnamomum zeylanicum</i> buds. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2002</b> , 57, 990-3	1.7	41
149	Ascorbic acid, capsaicinoid, and flavonoid aglycone concentrations as a function of fruit maturity stage in greenhouse-grown peppers. <i>Journal of Food Composition and Analysis</i> , <b>2014</b> , 33, 195-202	4.1	40

148	Obacunone and obacunone glucoside inhibit human colon cancer (SW480) cells by the induction of apoptosis. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 1616-25	4.7	39
147	Inhibition of oral carcinogenesis by citrus flavonoids. <i>Nutrition and Cancer</i> , <b>2008</b> , 60, 69-74	2.8	39
146	Rapid HPLC-UV method for quantification of l-citrulline in watermelon and its potential role on smooth muscle relaxation markers. <i>Food Chemistry</i> , <b>2011</b> , 127, 240-248	8.5	38
145	Chemical composition of volatile oil from Citrus limettioides and their inhibition of colon cancer cell proliferation. <i>Industrial Crops and Products</i> , <b>2013</b> , 45, 200-207	5.9	37
144	Evaluation of chemopreventive and cytotoxic effect of lemon seed extracts on human breast cancer (MCF-7) cells. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 423-30	4.7	37
143	Simultaneous separation and identification of limonoids from citrus using liquid chromatography-collision-induced dissociation mass spectra. <i>Journal of Separation Science</i> , <b>2011</b> , 34, 2-10	3.4	37
142	Enhanced colon cancer chemoprevention of curcumin by nanoencapsulation with whey protein. <i>European Journal of Pharmacology</i> , <b>2016</b> , 789, 291-300	5.3	36
141	High pressure processing controls microbial growth and minimally alters the levels of health promoting compounds in grapefruit (Citrus paradisi Macfad) juice. <i>Innovative Food Science and Emerging Technologies</i> , <b>2013</b> , 18, 7-14	6.8	35
140	Organic acids from leaves, fruits, and rinds of Garcinia cowa. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 3431-4	5.7	35
139	Influence of extraction solvents on antioxidant activity and the content of bioactive compounds in non-pungent peppers. <i>Plant Foods for Human Nutrition</i> , <b>2012</b> , 67, 120-8	3.9	34
138	Characterization of shortday onion cultivars of 3 pungency levels with flavor precursor, free amino acid, sulfur, and sugar contents. <i>Journal of Food Science</i> , <b>2009</b> , 74, C475-80	3.4	34
137	Isolimononic acid interferes with Escherichia coli O157:H7 biofilm and TTSS in QseBC and QseA dependent fashion. <i>BMC Microbiology</i> , <b>2012</b> , 12, 261	4.5	33
136	Chemical composition of the volatile oil from the fruits of Cinnamomum zeylanicum Blume. <i>Flavour and Fragrance Journal</i> , <b>1997</b> , 12, 331-333	2.5	33
135	Chemical composition of the flower oil of Cinnamomum zeylanicum blume. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 4294-5	5.7	33
134	Rapid separation method of polymethoxyflavones from citrus using flash chromatography. <i>Separation and Purification Technology</i> , <b>2011</b> , 81, 151-158	8.3	31
133	Citrus flavonoid represses Salmonella pathogenicity island 1 and motility in S. Typhimurium LT2. <i>International Journal of Food Microbiology</i> , <b>2011</b> , 145, 28-36	5.8	31
132	Grapefruit (Citrus paradisi Macfad) phytochemicals composition is modulated by household processing techniques. <i>Journal of Food Science</i> , <b>2012</b> , 77, C921-6	3.4	29
131	Radical scavenging capacities and inhibition of human prostate (LNCaP) cell proliferation by Fortunella margarita. <i>Food Chemistry</i> , <b>2012</b> , 131, 184-191	8.5	29

130	Quantification of quercetin glycosides in 6 onion cultivars and comparisons of hydrolysis-HPLC and spectrophotometric methods in measuring total quercetin concentrations. <i>Journal of Food Science</i> , <b>2010</b> , 75, C160-5	3.4	28
129	Evaluation of Antioxidant and Antimutagenic Activities of the Extracts from the Fruit Rinds of <i>Garcinia cowa</i> . <i>International Journal of Food Properties</i> , <b>2010</b> , 13, 1256-1265	3	28
128	Variation of bioactive furocoumarins and flavonoids in different varieties of grapefruits and pummelo. <i>European Food Research and Technology</i> , <b>2008</b> , 226, 1269-1275	3.4	28
127	Polymethoxyflavones Isolated from the Peel of Miaray Mandarin ( <i>Citrus miaray</i> ) Have Biofilm Inhibitory Activity in <i>Vibrio harveyi</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 7180-9	5.7	27
126	Metabolomic studies of volatiles from tomatoes grown in net-house and open-field conditions. <i>Food Chemistry</i> , <b>2019</b> , 275, 282-291	8.5	27
125	Variation in Key Flavonoid Biosynthetic Enzymes and Phytochemicals in 'Rio Red' Grapefruit ( <i>Citrus paradisi</i> Macf.) during Fruit Development. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 9022-9032	5.7	26
124	A metabolomics approach to identify and quantify the phytochemicals in watermelons by quantitative (1)HNMR. <i>Talanta</i> , <b>2016</b> , 153, 268-77	6.2	26
123	Polyphenol-rich extract of <i>Pimenta dioica</i> berries (Allspice) kills breast cancer cells by autophagy and delays growth of triple negative breast cancer in athymic mice. <i>Oncotarget</i> , <b>2015</b> , 6, 16379-95	3.3	26
122	DETERMINATION OF D, L-TETRAHYDROXYCITRIC ACID IN COMMERCIAL SAMPLES OF GARCINIA CAMBOGIA EXTRACT BY LIQUID CHROMATOGRAPHY WITH ULTRAVIOLET DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2000</b> , 23, 915-923	1.3	26
121	Inhibition of <i>Escherichia coli</i> O157:H7 motility and biofilm by $\beta$ -sitosterol glucoside. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2013</b> , 1830, 5219-28	4	25
120	Rapid separation and quantitation of curcuminoids combining pseudo two-dimensional liquid flash chromatography and NMR spectroscopy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 937, 25-32	3.2	25
119	Production system and storage temperature influence grapefruit vitamin C, limonoids, and carotenoids. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 7096-103	5.7	25
118	In vivo induction of phase II detoxifying enzymes, glutathione transferase and quinone reductase by citrus triterpenoids. <i>BMC Complementary and Alternative Medicine</i> , <b>2010</b> , 10, 51	4.7	25
117	In vitro digestion with bile acids enhances the bioaccessibility of kale polyphenols. <i>Food and Function</i> , <b>2018</b> , 9, 1235-1244	6.1	23
116	Rapidly cycling Lgr5 stem cells are exquisitely sensitive to extrinsic dietary factors that modulate colon cancer risk. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2460	9.8	23
115	Antibacterial activity of <i>Aristolochia bracteata</i> root extracts. <i>Journal of Medicinal Food</i> , <b>2003</b> , 6, 401-3	2.8	23
114	Isolation and purification of closely related citrus limonoid glucosides by flash chromatography. <i>Phytochemical Analysis</i> , <b>2005</b> , 16, 155-60	3.4	23
113	Phytochemical analysis of organic and conventionally cultivated Meyer lemons ( <i>Citrus meyeri</i> Tan.) during refrigerated storage. <i>Journal of Food Composition and Analysis</i> , <b>2015</b> , 42, 63-70	4.1	22



112	Changes in flavor precursors, pungency, and sugar content in short-day onion bulbs during 5-month storage at various temperatures or in controlled atmosphere. <i>Journal of Food Science</i> , <b>2012</b> , 77, C216-213-4	3.4	22
111	Obacunone represses Salmonella pathogenicity islands 1 and 2 in an envZ-dependent fashion. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 7012-22	4.8	22
110	Electron ionization mass spectrometry of citrus limonoids. <i>Rapid Communications in Mass Spectrometry</i> , <b>2003</b> , 17, 2517-22	2.2	22
109	Leaf Disc Assays for Rapid Measurement of Antioxidant Activity. <i>Scientific Reports</i> , <b>2019</b> , 9, 1884	4.9	22
108	Influence of storage temperature and low-temperature conditioning on the levels of health-promoting compounds in Rio Red grapefruit. <i>Food Science and Nutrition</i> , <b>2017</b> , 5, 545-553	3.2	21
107	Storage Stability of Dietary Nitrate and Phenolic Compounds in Beetroot ( <i>Beta vulgaris</i> ) and Arugula ( <i>Eruca sativa</i> ) Juices. <i>Journal of Food Science</i> , <b>2018</b> , 83, 1237-1248	3.4	20
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104	Inhibition of prostate cancer (LNCaP) cell proliferation by volatile components from Nagami kumquats. <i>Planta Medica</i> , <b>2012</b> , 78, 974-80	3.1	20
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94	Isolation of Structurally Similar Citrus Flavonoids by Flash Chromatography. <i>Analytical Letters</i> , <b>2004</b> , 37, 3005-3016	2.2	18
93	Production system influences volatile biomarkers in tomato. <i>Metabolomics</i> , <b>2018</b> , 14, 99	4.7	17
92	Apoptosis mediated cytotoxicity of citrus obacunone in human pancreatic cancer cells. <i>Toxicology in Vitro</i> , <b>2011</b> , 25, 859-67	3.6	17
91	Structure-function relationships of citrus limonoids on p38 MAP kinase activity in human aortic smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2011</b> , 670, 44-9	5.3	17
90	Rapid adsorptive separation of citrus polymethoxylated flavones in non-aqueous conditions. <i>Separation and Purification Technology</i> , <b>2005</b> , 45, 147-152	8.3	17
89	Lactobacillus plantarum and natural fermentation-mediated biotransformation of flavor and aromatic compounds in horse gram sprouts. <i>Process Biochemistry</i> , <b>2018</b> , 66, 7-18	4.8	16
88	Metabolite profiling and in vitro biological activities of two commercial bitter melon ( <i>Momordica charantia</i> Linn.) cultivars. <i>Food Chemistry</i> , <b>2019</b> , 288, 178-186	8.5	15
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