

G K Jayaprakasha

List of Publications by Year in Descending Order

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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.

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	Profiling carotenoid and sugar contents in unique Cucumis melo L. cultigens harvested from different climatic regions of the United States. <i>Journal of Food Composition and Analysis</i> , 2022 , 106, 104306	4.1	1
236	Separation of nordihydrocapsiate from capsiate and major capsaicinoid analogues using ultra high performance liquid chromatography.. <i>Food Chemistry</i> , 2022 , 382, 132585	8.5	3
235	Analytical methods for quantitation of amino acids from melons: a review. <i>Acta Horticulturae</i> , 2021 , 65-76.3		
234	Assessment and Classification of Volatile Profiles in Melon Breeding Lines Using Headspace Solid-Phase Microextraction Coupled with Gas Chromatography-Mass Spectrometry. <i>Plants</i> , 2021 , 10,	4.5	2
233	Untargeted Chemometrics Evaluation of the Effect of Juicing Technique on Phytochemical Profiles and Antioxidant Activities in Common Vegetables. <i>ACS Food Science & Technology</i> , 2021 , 1, 77-87		2
232	Manganese Oxide Nanoparticles as Safer Seed Priming Agent to Improve Chlorophyll and Antioxidant Profiles in Watermelon Seedlings. <i>Nanomaterials</i> , 2021 , 11,	5.4	7
231	Optimization of Extraction Solvent and Fast Blue BB Assay for Comparative Analysis of Antioxidant Phenolics from L. <i>Plants</i> , 2021 , 10,	4.5	2
230	Effect of production system and inhibitory potential of aroma volatiles on polyphenol oxidase and peroxidase activity in tomatoes. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 307-314	4.3	4
229	Production system influences tomato phenolics and indoleamines in a cultivar-specific manner. <i>Food Research International</i> , 2021 , 140, 110016	7	0
228	Citrus limonoids induce apoptosis and inhibit the proliferation of pancreatic cancer cells. <i>Food and Function</i> , 2021 , 12, 1111-1120	6.1	4
227	Improved Sample Preparation and Optimized Solvent Extraction for Quantitation of Carotenoids. <i>Plant Foods for Human Nutrition</i> , 2021 , 76, 60-67	3.9	3
226	Anti-Inflammatory, Antidiabetic Properties and In Silico Modeling of Cucurbitane-Type Triterpene Glycosides from Fruits of an Indian Cultivar of L. <i>Molecules</i> , 2021 , 26,	4.8	9
225	Nutritional Composition and Health Benefits of Various Botanical Types of Melon (L.). <i>Plants</i> , 2021 , 10,	4.5	3
224	Bitter melon extracts and cucurbitane-type triterpenoid glycosides antagonize lipopolysaccharide-induced inflammation via suppression of NLRP3 inflammasome. <i>Journal of Functional Foods</i> , 2021 , 86, 104720	5.1	0
223	Impact of storage period and nanoparticle treatment on phytochemical composition of watermelons (<i>Citrullus lanatus</i>). <i>Journal of Food Composition and Analysis</i> , 2021 , 104, 104139	4.1	1
222	Metabolomics-based biomarkers of Fusarium wilt disease in watermelon plants. <i>Journal of Plant Diseases and Protection</i> , 2020 , 127, 591-596	1.5	4
221	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> , 2020 , 10, 5037	4.9	73

220	UPLC-QTOF-MS fingerprinting combined with chemometrics to assess the solvent extraction efficiency, phytochemical variation, and antioxidant activities of Beta vulgaris L.. <i>Journal of Food and Drug Analysis</i> , 2020 , 28, 217-230	7	5
219	Effects of genotype and production system on quality of tomato fruits and in vitro bile acids binding capacity. <i>Journal of Food Science</i> , 2020 , 85, 3806-3814	3-4	2
218	Hormonal and metabolites responses in Fusarium wilt-susceptible and -resistant watermelon plants during plant-pathogen interactions. <i>BMC Plant Biology</i> , 2020 , 20, 481	5-3	3
217	Multivariate Analysis of Amino Acids and Health Beneficial Properties of Cantaloupe Varieties Grown in Six Locations in the United States. <i>Plants</i> , 2020 , 9,	4-5	7
216	Comparative Metabolomics Profiling of Polyphenols, Nutrients and Antioxidant Activities of Two Red Onion (L.) Cultivars. <i>Plants</i> , 2020 , 9,	4-5	19
215	H Nuclear Magnetic Resonance and Liquid Chromatography Coupled with Mass Spectrometry-Based Metabolomics Reveal Enhancement of Growth-Promoting Metabolites in Onion Seedlings Treated with Green-Synthesized Nanomaterials. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 13221-13226	5-7	9
214	BetaSweet carrot extracts have antioxidant activity and in vitro antiproliferative effects against breast cancer cells. <i>Journal of Functional Foods</i> , 2019 , 62, 103552	5-1	3
213	Seed Priming with Iron Oxide Nanoparticles Modulate Antioxidant Potential and Defense-Linked Hormones in Watermelon Seedlings. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5142-5151	8-3	62
212	In vitro and in silico elucidation of antidiabetic and anti-inflammatory activities of bioactive compounds from Momordica charantia L. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 3097-3109	3-4	10
211	A sensitive HPLC-FLD method combined with multivariate analysis for the determination of amino acids in l-citrulline rich vegetables. <i>Journal of Food and Drug Analysis</i> , 2019 , 27, 717-728	7	13
210	Metabolite profiling and in vitro biological activities of two commercial bitter melon (Momordica charantia Linn.) cultivars. <i>Food Chemistry</i> , 2019 , 288, 178-186	8-5	15
209	Establishment of a multicomponent dietary bioactive human equivalent dose to delete damaged Lgr5+ stem cells using a mouse colon tumor initiation model. <i>European Journal of Cancer Prevention</i> , 2019 , 28, 383-389	2	2
208	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> , 2019 , 67, 9124-9138	5-7	55
207	Cucurbitane-type compounds from Momordica charantia: Isolation, in vitro antidiabetic, anti-inflammatory activities and in silico modeling approaches. <i>Bioorganic Chemistry</i> , 2019 , 87, 31-42	5-1	15
206	Evaluation of bitter melon (Momordica charantia) cultivars grown in Texas and levels of various phytonutrients. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 379-390	4-3	8
205	Green-Synthesized Nanoparticles Enhanced Seedling Growth, Yield, and Quality of Onion (Allium cepa L.). <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14580-14590	8-3	47
204	Chemometric characterization of 30 commercial thermal and cold processed juices using UPLC-QTOF-HR-MS fingerprints. <i>LWT - Food Science and Technology</i> , 2019 , 114, 108322	5-4	12
203	Leaf Disc Assays for Rapid Measurement of Antioxidant Activity. <i>Scientific Reports</i> , 2019 , 9, 1884	4-9	22

202	CIRCADIAN CLOCK-ASSOCIATED1 Controls Resistance to Aphids by Altering Indole Glucosinolate Production. <i>Plant Physiology</i> , 2019 , 181, 1344-1359	6.6	20
201	Metabolomic studies of volatiles from tomatoes grown in net-house and open-field conditions. <i>Food Chemistry</i> , 2019 , 275, 282-291	8.5	27
200	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> , 2018 , 83, 1237-1248	3.4	20
199	Effect of harvest time on the levels of phytochemicals, free radical-scavenging activity, α -amylase inhibition and bile acid-binding capacity of spinach (<i>Spinacia oleracea</i>). <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 3468-3477	4.3	19
198	In vitro digestion with bile acids enhances the bioaccessibility of kale polyphenols. <i>Food and Function</i> , 2018 , 9, 1235-1244	6.1	23
197	<i>Lactobacillus plantarum</i> and natural fermentation-mediated biotransformation of flavor and aromatic compounds in horse gram sprouts. <i>Process Biochemistry</i> , 2018 , 66, 7-18	4.8	16
196	Structure-Dependent Modulation of Aryl Hydrocarbon Receptor-Mediated Activities by Flavonoids. <i>Toxicological Sciences</i> , 2018 , 164, 205-217	4.4	48
195	Optimized method for the quantification of pyruvic acid in onions by microplate reader and confirmation by high resolution mass spectra. <i>Food Chemistry</i> , 2018 , 242, 451-458	8.5	10
194	Production system influences volatile biomarkers in tomato. <i>Metabolomics</i> , 2018 , 14, 99	4.7	17
193	An optimized solvent extraction and characterization of unidentified flavonoid glucuronide derivatives from spinach by UHPLC-HR-QTOF-MS. <i>Talanta</i> , 2018 , 188, 763-771	6.2	15
192	Identification of volatile profiles of Rio Red grapefruit at various developmental to maturity stages. <i>Journal of Essential Oil Research</i> , 2018 , 30, 77-83	2.3	9
191	Extraction and Identification of Health-Promoting Phytochemicals from Brussels Sprouts. <i>ACS Symposium Series</i> , 2018 , 151-174	0.4	1
190	Extraction, Identification, and Potential Health Benefits of Spinach Flavonoids: A Review. <i>ACS Symposium Series</i> , 2018 , 107-136	0.4	8
189	Identification and Quantification of Phytochemicals, Antioxidant Activity, and Bile Acid-Binding Capacity of Garnet Stem Dandelion (<i>Taraxacum officinale</i>). <i>Journal of Food Science</i> , 2018 , 83, 1569-1578	3.4	12
188	Citrus nomilin down-regulates TNF- α -induced proliferation of aortic smooth muscle cells via apoptosis and inhibition of $\text{I}\kappa\text{B}$. <i>European Journal of Pharmacology</i> , 2017 , 811, 93-100	5.3	4
187	Rapid ultra-high-performance liquid chromatography/quadrupole time-of-flight tandem mass spectrometry and selected reaction monitoring strategy for the identification and quantification of minor spinacetin derivatives in spinach. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1803-1812	2.2	12
186	Nanoformulation and characterization of nomilin with different poly (lactic-co-glycolic acid) resomers and surfactants for the enhanced inhibition of α -amylase and angiotensin-converting-enzyme. <i>Journal of Functional Foods</i> , 2017 , 37, 564-573	5.1	10
185	In Vitro Bile Acid Binding Capacities of Red Leaf Lettuce and Cruciferous Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 8054-8062	5.7	15

184	Rapid and Efficient Desulfonation Method for the Analysis of Glucosinolates by High-Resolution Liquid Chromatography Coupled with Quadrupole Time-of-Flight Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 11100-11108	5.7	6
183	Effect of ethylene degreening on flavonoid pathway gene expression and phytochemicals in Rio Red grapefruit (<i>Citrus paradisi</i> Macf). <i>Phytochemistry Letters</i> , 2017 , 22, 270-279	1.9	7
182	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> , 2017 , 5, 545-553	3.2	21
181	Rapidly cycling Lgr5 stem cells are exquisitely sensitive to extrinsic dietary factors that modulate colon cancer risk. <i>Cell Death and Disease</i> , 2016 , 7, e2460	9.8	23
180	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> , 2016 , 64, 9022-9032	5.7	26
179	Consumers' changing perceptions of quality: revisiting the science of fruit and vegetable cultivation for improved health benefits. <i>Acta Horticulturae</i> , 2016 , 459-468	0.3	2
178	A metabolomics approach to identify and quantify the phytochemicals in watermelons by quantitative (1)HNMR. <i>Talanta</i> , 2016 , 153, 268-77	6.2	26
177	Homeostatic responses of colonic LGR5+ stem cells following acute in vivo exposure to a genotoxic carcinogen. <i>Carcinogenesis</i> , 2016 , 37, 206-14	4.6	15
176	Modulation of flavanone and furocoumarin levels in grapefruits (<i>Citrus paradisi</i> Macfad.) by production and storage conditions. <i>Food Chemistry</i> , 2016 , 196, 374-80	8.5	13
175	Enhanced colon cancer chemoprevention of curcumin by nanoencapsulation with whey protein. <i>European Journal of Pharmacology</i> , 2016 , 789, 291-300	5.3	36
174	A comparison of juice extraction methods in the pungency measurement of onion bulbs. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 735-41	4.3	2
173	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> , 2015 , 42, 63-70	4.1	22
172	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> , 2015 , 63, 7180-9	5.7	27
171	Emerging trends in hyphenated separation techniques for the isolation of naturally occurring compounds. <i>Acta Horticulturae</i> , 2015 , 109-116	0.3	
170	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> , 2015 , 6, 16379-95	3.3	26
169	Ethylene degreening modulates health promoting phytochemicals in Rio Red grapefruit. <i>Food Chemistry</i> , 2015 , 188, 77-83	8.5	19
168	Cytotoxicity of obacunone and obacunone glucoside in human prostate cancer cells involves Akt-mediated programmed cell death. <i>Toxicology</i> , 2015 , 329, 88-97	4.4	19
167	Influence of modified atmosphere packaging on 'Star Ruby' grapefruit phytochemicals. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 1020-8	5.7	15

166	Low temperature conditioning reduces chilling injury while maintaining quality and certain bioactive compounds of 'Star Ruby' grapefruit. <i>Food Chemistry</i> , 2014 , 153, 243-9	8.5	53
165	Obacunone exhibits anti-proliferative and anti-aromatase activity in vitro by inhibiting the p38 MAPK signaling pathway in MCF-7 human breast adenocarcinoma cells. <i>Biochimie</i> , 2014 , 105, 36-44	4.6	15
164	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> , 2014 , 33, 195-202	4.1	40
163	PREVENTION OF CANCER BY NATURALLY OCCURRING BIOACTIVE COMPOUNDS: CONVENTIONAL WISDOM OR REALITY?. <i>Acta Horticulturae</i> , 2014 , 247-254	0.3	
162	LEMON (CITRUS LEMON L. BURM) AS A SOURCE OF UNIQUE BIOACTIVE COMPOUNDS. <i>Acta Horticulturae</i> , 2014 , 377-380	0.3	1
161	ANTIOXIDANT ACTIVITIES OF KAGZI LIME (CITRUS AURANTIFOLIA SWINGLE). <i>Acta Horticulturae</i> , 2014 , 381-384	0.3	
160	Quantification of Health-Promoting Compounds by Quantitative ¹ H NMR Spectroscopy. <i>ACS Symposium Series</i> , 2014 , 289-302	0.4	2
159	Headspace and Solid-Phase Microextraction Methods for the Identification of Volatile Flavor Compounds in Citrus Fruits. <i>ACS Symposium Series</i> , 2014 , 243-256	0.4	2
158	Inhibition of Escherichia coli O157:H7 motility and biofilm by β-sterol glucoside. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 5219-28	4	25
157	Limonoids and their anti-proliferative and anti-aromatase properties in human breast cancer cells. <i>Food and Function</i> , 2013 , 4, 258-65	6.1	50
156	Chemical composition of volatile oil from Citrus limettioides and their inhibition of colon cancer cell proliferation. <i>Industrial Crops and Products</i> , 2013 , 45, 200-207	5.9	37
155	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> , 2013 , 937, 25-32	3.2	25
154	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> , 2013 , 18, 7-14	6.8	35
153	Citrus limonoids and curcumin additively inhibit human colon cancer cells. <i>Food and Function</i> , 2013 , 4, 803-10	6.1	41
152	Hyphenated Flash Chromatographic Separation and Isolation of Coumarins and Polymethoxyflavones from Byproduct of Citrus Juice Processing Industry. <i>Separation Science and Technology</i> , 2013 , 48, 1467-1472	2.5	5
151	Anti-Inflammatory Mediated Applications of Monoterpenes Found in Fruits. <i>ACS Symposium Series</i> , 2013 , 121-131	0.4	3
150	Identification of Volatiles from Kumquats and Their Biological Activities. <i>ACS Symposium Series</i> , 2013 , 63-92	0.4	6
149	Purification of coumarins, including meranzin and pranferin, from grapefruit by solvent partitioning and a hyphenated chromatography. <i>Separation and Purification Technology</i> , 2013 , 116, 137-144	8.3	9

148	5-Geranyloxy-7-methoxycoumarin inhibits colon cancer (SW480) cells growth by inducing apoptosis. <i>Planta Medica</i> , 2013 , 79, 219-26	3.1	20
147	Simultaneous quantification of capsaicinoids and ascorbic acid from pungent peppers. <i>Journal of Chromatographic Science</i> , 2013 , 51, 412-8	1.4	11
146	Daily consumption of grapefruit for 6 weeks reduces urine F2-isoprostanes in overweight adults with high baseline values but has no effect on plasma high-sensitivity C-reactive protein or soluble vascular cellular adhesion molecule 1. <i>Journal of Nutrition</i> , 2013 , 143, 1586-92	4.1	11
145	The natural alkaloid berberine targets multiple pathways to induce cell death in cultured human colon cancer cells. <i>European Journal of Pharmacology</i> , 2012 , 688, 14-21	5.3	74
144	The effects of daily consumption of grapefruit on body weight, lipids, and blood pressure in healthy, overweight adults. <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 1026-35	12.7	61
143	Grapefruit (<i>Citrus paradisi</i> Macfad) phytochemicals composition is modulated by household processing techniques. <i>Journal of Food Science</i> , 2012 , 77, C921-6	3.4	29
142	Bioactive Compounds in Peppers and Their Antioxidant Potential. <i>ACS Symposium Series</i> , 2012 , 43-56	0.4	4
141	A novel, conditional, lesion mimic phenotype in cotton cotyledons due to the expression of an endochitinase gene from <i>Trichoderma virens</i> . <i>Plant Science</i> , 2012 , 183, 86-95	5.3	7
140	An improved sample preparation method for quantification of ascorbic acid and dehydroascorbic acid by HPLC. <i>LWT - Food Science and Technology</i> , 2012 , 47, 443-449	5.4	61
139	Evaluation of chemopreventive and cytotoxic effect of lemon seed extracts on human breast cancer (MCF-7) cells. <i>Food and Chemical Toxicology</i> , 2012 , 50, 423-30	4.7	37
138	Degreening and postharvest storage influences 'Star Ruby' grapefruit (<i>Citrus paradisi</i> Macf.) bioactive compounds. <i>Food Chemistry</i> , 2012 , 135, 1667-75	8.5	42
137	Limonin 7-methoxime interferes with <i>Escherichia coli</i> biofilm formation and attachment in type 1 pili and antigen 43 dependent manner. <i>Food Control</i> , 2012 , 26, 427-438	6.2	8
136	Analysis Methods of Flavanones 2012 , 275-312		3
135	Production system and storage temperature influence grapefruit vitamin C, limonoids, and carotenoids. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 7096-103	5.7	25
134	Methyl nomilate from citrus can modulate cell cycle regulators to induce cytotoxicity in human colon cancer (SW480) cells in vitro. <i>Toxicology in Vitro</i> , 2012 , 26, 1216-23	3.6	20
133	D-limonene rich volatile oil from blood oranges inhibits angiogenesis, metastasis and cell death in human colon cancer cells. <i>Life Sciences</i> , 2012 , 91, 429-439	6.8	68
132	Chromatographic Techniques for the Separation of Polymethoxyflavones from Citrus. <i>ACS Symposium Series</i> , 2012 , 3-15	0.4	6
131	Isolimononic acid interferes with <i>Escherichia coli</i> O157:H7 biofilm and TTSS in QseBC and QseA dependent fashion. <i>BMC Microbiology</i> , 2012 , 12, 261	4.5	33

130	Cancer Chemopreventive Properties of Citrus Limonoids. <i>ACS Symposium Series</i> , 2012 , 37-50	0.4	6
129	Citrus Monoterpenes: Potential Source of Phytochemicals for Cancer Prevention. <i>ACS Symposium Series</i> , 2012 , 545-558	0.4	9
128	Influence of extraction solvents on antioxidant activity and the content of bioactive compounds in non-pungent peppers. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 120-8	3.9	34
127	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> , 2012 , 77, C216-21	3.4	22
126	Extraction efficiency and validation of an HPLC method for flavonoid analysis in peppers. <i>Food Chemistry</i> , 2012 , 130, 751-758	8.5	66
125	Radical scavenging capacities and inhibition of human prostate (LNCaP) cell proliferation by <i>Fortunella margarita</i> . <i>Food Chemistry</i> , 2012 , 131, 184-191	8.5	29
124	Differential inhibition of human colon cancer cells by structurally similar flavonoids of citrus. <i>Food Chemistry</i> , 2012 , 132, 27-34	8.5	62
123	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> , 2012 , 134, 1912-8	8.5	73
122	Citrus limonin lacks the anticancer effect in human models of breast cancer. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2012 , 5, 106-14		8
121	Inhibition of prostate cancer (LNCaP) cell proliferation by volatile components from Nagami kumquats. <i>Planta Medica</i> , 2012 , 78, 974-80	3.1	20
120	Obacunone represses <i>Salmonella</i> pathogenicity islands 1 and 2 in an envZ-dependent fashion. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 7012-22	4.8	22
119	GRAPEFRUIT DEGREENING INFLUENCE ON HEALTH PROMOTING LIMONOIDS AND FLAVONOIDS. <i>Acta Horticulturae</i> , 2012 , 113-120	0.3	2
118	Indigenous Crops of Asia and Southeast Asia: Exploring Health-promoting Properties. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012 , 47, 821-827	2.4	9
117	Inhibition of pancreatic cancer cells by furocoumarins from <i>Poncirus trifoliata</i> . <i>Planta Medica</i> , 2012 , 78,	3.1	7
116	Chemistry, biogenesis, and biological activities of <i>Cinnamomum zeylanicum</i> . <i>Critical Reviews in Food Science and Nutrition</i> , 2011 , 51, 547-62	11.5	132
115	Citrus limonin and its glucoside inhibit colon adenocarcinoma cell proliferation through apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2314-23	5.7	77
114	Obacunone and obacunone glucoside inhibit human colon cancer (SW480) cells by the induction of apoptosis. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1616-25	4.7	39
113	Rapid simultaneous determination of amines and organic acids in citrus using high-performance liquid chromatography. <i>Talanta</i> , 2011 , 83, 948-54	6.2	58

112	Optimization of flavanones extraction by modulating differential solvent densities and centrifuge temperatures. <i>Talanta</i> , 2011 , 85, 353-62	6.2	11
111	Apoptosis mediated cytotoxicity of citrus obacunone in human pancreatic cancer cells. <i>Toxicology in Vitro</i> , 2011 , 25, 859-67	3.6	17
110	Rapid separation method of polymethoxyflavones from citrus using flash chromatography. <i>Separation and Purification Technology</i> , 2011 , 81, 151-158	8.3	31
109	Does ethylene degreening affect internal quality of citrus fruit?. <i>Postharvest Biology and Technology</i> , 2011 , 62, 50-58	6.2	48
108	Structure-function relationships of citrus limonoids on p38 MAP kinase activity in human aortic smooth muscle cells. <i>European Journal of Pharmacology</i> , 2011 , 670, 44-9	5.3	17
107	Citrus flavonoid represses Salmonella pathogenicity island 1 and motility in <i>S. Typhimurium</i> LT2. <i>International Journal of Food Microbiology</i> , 2011 , 145, 28-36	5.8	31
106	Simultaneous separation and identification of limonoids from citrus using liquid chromatography-collision-induced dissociation mass spectra. <i>Journal of Separation Science</i> , 2011 , 34, 2-10	3.4	37
105	Rapid HPLC-UV method for quantification of l-citrulline in watermelon and its potential role on smooth muscle relaxation markers. <i>Food Chemistry</i> , 2011 , 127, 240-248	8.5	38
104	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> , 2011 , 157, 99-110	2.9	77
103	Suppression of bacterial cell-cell signalling, biofilm formation and type III secretion system by citrus flavonoids. <i>Journal of Applied Microbiology</i> , 2010 , 109, 515-527	4.7	222
102	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> , 2010 , 75, C160-5	3.4	28
101	Apigenin and naringenin suppress colon carcinogenesis through the aberrant crypt stage in azoxymethane-treated rats. <i>Experimental Biology and Medicine</i> , 2010 , 235, 710-7	3.7	105
100	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> , 2010 , 13, 1256-1265	3	28
99	Bioactive compounds from sour orange inhibit colon cancer cell proliferation and induce cell cycle arrest. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 180-6	5.7	52
98	In vivo induction of phase II detoxifying enzymes, glutathione transferase and quinone reductase by citrus triterpenoids. <i>BMC Complementary and Alternative Medicine</i> , 2010 , 10, 51	4.7	25
97	Berberine induces apoptosis in breast cancer cells (MCF-7) through mitochondrial-dependent pathway. <i>European Journal of Pharmacology</i> , 2010 , 645, 70-8	5.3	130
96	Grapefruit bioactive limonoids modulate <i>E. coli</i> O157:H7 TTSS and biofilm. <i>International Journal of Food Microbiology</i> , 2010 , 140, 109-16	5.8	70
95	Characterization of <i>Citrus aurantifolia</i> bioactive compounds and their inhibition of human pancreatic cancer cells through apoptosis. <i>Microchemical Journal</i> , 2010 , 94, 108-117	4.8	50

94	Dietary curcumin and limonin suppress CD4+ T-cell proliferation and interleukin-2 production in mice. <i>Journal of Nutrition</i> , 2009 , 139, 1042-8	4.1	41
93	Citrus bioactive compounds improve bone quality and plasma antioxidant activity in orchidectomized rats. <i>Phytomedicine</i> , 2009 , 16, 513-20	6.5	54
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