

# Bhimanagouda S Patil

## List of Publications by Citations

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264  
papers

8,765  
citations

53  
h-index

80  
g-index

288  
ext. papers

9,848  
ext. citations

4  
avg, IF

6.33  
L-index

#	Paper	IF	Citations
264	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
263	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
262	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
261	Bioactive compounds: historical perspectives, opportunities, and challenges. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 8142-60	5.7	181
260	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
259	Crucial facts about health benefits of popular cruciferous vegetables. <i>Journal of Functional Foods</i> , <b>2012</b> , 4, 94-106	5.1	162
258	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
257	Differential inhibition of human cancer cell proliferation by citrus limonoids. <i>Nutrition and Cancer</i> , <b>2001</b> , 40, 180-4	2.8	154
256	Suppression of colon carcinogenesis by bioactive compounds in grapefruit. <i>Carcinogenesis</i> , <b>2006</b> , 27, 1257-65	4.6	150
255	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
254	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
253	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
252	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
251	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
250	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
249	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
248	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

247	Bioactive dietary long-chain fatty acids: emerging mechanisms of action. <i>British Journal of Nutrition</i> , <b>2008</b> , 100, 1152-7	3.6	100
246	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
245	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
244	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
243	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
242	Variation in the Quercetin Content in Different Colored Onions ( <i>Allium cepa</i> L.). <i>Journal of the American Society for Horticultural Science</i> , <b>1995</b> , 120, 909-913	2.3	78
241	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
240	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
239	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
238	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
237	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
236	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
235	Betalain and betaine composition of greenhouse- or field-produced beetroot ( <i>Beta vulgaris</i> L.) and inhibition of HepG2 cell proliferation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 1324-31	5.7	71
234	Citrus juice modulates bone strength in male senescent rat model of osteoporosis. <i>Nutrition</i> , <b>2006</b> , 22, 559-63	4.8	71
233	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
232	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
231	Climate effects on anthocyanin accumulation and composition in the pomegranate ( <i>Punica granatum</i> L.) fruit arils. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 5325-34	5.7	69
230	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

229	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
228	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
227	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
226	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
225	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
224	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
223	Lycopene and lutein inhibit proliferation in rat prostate carcinoma cells. <i>Nutrition and Cancer</i> , <b>2007</b> , 58, 171-7	2.8	62
222	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
221	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
220	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
219	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
218	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
217	Identification of a novel chimeric gene, orf725, and its use in development of a molecular marker for distinguishing among three cytoplasm types in onion ( <i>Allium cepa</i> L.). <i>Theoretical and Applied Genetics</i> , <b>2009</b> , 118, 433-41	6	59
216	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
215	Changes in quercetin concentration in onion ( <i>Allium cepa</i> L.) owing to location, growth stage and soil type. <i>New Phytologist</i> , <b>1995</b> , 130, 349-355	9.8	57
214	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
213	Hydrotropic extraction of bioactive limonin from sour orange ( <i>Citrus aurantium</i> L.) seeds. <i>Food Chemistry</i> , <b>2008</b> , 109, 515-520	8.5	55
212	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

211	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
210	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
209	Distribution of quercetin content in different rings of various coloured onion ( <i>Allium cepa</i> L.) cultivars. <i>The Journal of Horticultural Science</i> , <b>1995</b> , 70, 643-650		51
208	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
207	Characterization of <i>Citrus aurantifolia</i> 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
206	Structure-Dependent Modulation of Aryl Hydrocarbon Receptor-Mediated Activities by Flavonoids. <i>Toxicological Sciences</i> , <b>2018</b> , 164, 205-217	4.4	48
205	Does ethylene degreening affect internal quality of citrus fruit?. <i>Postharvest Biology and Technology</i> , <b>2011</b> , 62, 50-58	6.2	48
204	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
203	Potassium Management for Optimizing Citrus Production and Quality. <i>International Journal of Fruit Science</i> , <b>2006</b> , 6, 3-43	1.2	48
202	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
201	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
200	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
199	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
198	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
197	Drinking carrot juice increases total antioxidant status and decreases lipid peroxidation in adults. <i>Nutrition Journal</i> , <b>2011</b> , 10, 96	4.3	42
196	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
195	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
194	Citrus limonoids and curcumin additively inhibit human colon cancer cells. <i>Food and Function</i> , <b>2013</b> , 4, 803-10	6.1	41

193	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
192	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
191	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
190	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
189	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
188	Inhibition of oral carcinogenesis by citrus flavonoids. <i>Nutrition and Cancer</i> , <b>2008</b> , 60, 69-74	2.8	39
187	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
186	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
185	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
184	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
183	Development of a rapid HPLC-UV method for simultaneous quantification of protodioscin and rutin in white and green asparagus spears. <i>Journal of Food Science</i> , <b>2010</b> , 75, C703-9	3.4	36
182	Identification and determination of flavonoids in buckwheat ( <i>Fagopyrum esculentum</i> Moench, Polygonaceae) by high-performance liquid chromatography with electrospray ionisation mass spectrometry and photodiode array ultraviolet detection. <i>Phytochemical Analysis</i> , <b>2002</b> , 13, 251-6	3.4	36
181	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
180	High pressure processing controls microbial growth and minimally alters the levels of health promoting compounds in grapefruit ( <i>Citrus paradisi</i> Macfad) juice. <i>Innovative Food Science and Emerging Technologies</i> , <b>2013</b> , 18, 7-14	6.8	35
179	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
178	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
177	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
176	Effects of a carrot juice intervention on plasma carotenoids, oxidative stress, and inflammation in overweight breast cancer survivors. <i>Nutrition and Cancer</i> , <b>2012</b> , 64, 331-41	2.8	31

175	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
174	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
173	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
172	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
171	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
170	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
169	Polymethoxyflavones Isolated from the Peel of Miaray Mandarin (Citrus miaray) Have Biofilm Inhibitory Activity in Vibrio harveyi. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 7180-9	5.7	27
168	Variation of carotenoid, sugar, and ascorbic acid concentrations in watermelon genotypes and genetic analysis. <i>Horticulture Environment and Biotechnology</i> , <b>2012</b> , 53, 552-560	2	27
167	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
166	Variation in Key Flavonoid Biosynthetic Enzymes and Phytochemicals in 'Rio Red' Grapefruit (Citrus paradisi Macf.) during Fruit Development. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 9022-9032	5.7	26
165	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
164	Polyphenol-rich extract of Pimenta dioica 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
163	Inhibition of Escherichia coli 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
162	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
161	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
160	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
159	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
158	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

157	Drinking orange juice increases total antioxidant status and decreases lipid peroxidation in adults. <i>Journal of Medicinal Food</i> , <b>2014</b> , 17, 612-7	2.8	23
156	Development of simple PCR-based markers linked to the Ms locus, a restorer-of-fertility gene in onion ( <i>Allium cepa</i> L.). <i>Euphytica</i> , <b>2011</b> , 179, 439-449	2.1	23
155	Feeding orange pulp improved bone quality in a rat model of male osteoporosis. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 298-303	2.8	23
154	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
153	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
152	Development of a codominant CAPS marker linked to the Ms locus controlling fertility restoration in onion ( <i>Allium cepa</i> L.). <i>Scientia Horticulturae</i> , <b>2013</b> , 153, 42-49	4.1	22
151	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	3.4	22
150	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
149	Electron ionization mass spectrometry of citrus limonoids. <i>Rapid Communications in Mass Spectrometry</i> , <b>2003</b> , 17, 2517-22	2.2	22
148	Leaf Disc Assays for Rapid Measurement of Antioxidant Activity. <i>Scientific Reports</i> , <b>2019</b> , 9, 1884	4.9	22
147	Construction of high-resolution linkage map of the Ms locus, a restorer-of-fertility gene in onion ( <i>Allium cepa</i> L.). <i>Euphytica</i> , <b>2013</b> , 192, 267-278	2.1	21
146	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
145	Identification of candidate amino acids involved in the formation of blue pigments in crushed garlic cloves ( <i>Allium sativum</i> L.). <i>Journal of Food Science</i> , <b>2009</b> , 74, C11-6	3.4	21
144	Citrus juice modulates antioxidant enzymes and lipid profiles in orchidectomized rats. <i>Journal of Medicinal Food</i> , <b>2006</b> , 9, 422-6	2.8	21
143	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
142	Methyl nomilinate from citrus can modulate cell cycle regulators to induce cytotoxicity in human colon cancer (SW480) cells in vitro. <i>Toxicology in Vitro</i> , <b>2012</b> , 26, 1216-23	3.6	20
141	5-Geranyloxy-7-methoxycoumarin inhibits colon cancer (SW480) cells growth by inducing apoptosis. <i>Planta Medica</i> , <b>2013</b> , 79, 219-26	3.1	20
140	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



139	Grapefruit pulp increases antioxidant status and improves bone quality in orchidectomized rats. <i>Nutrition</i> , <b>2008</b> , 24, 1039-44	4.8	20
138	Cranberry juice increases antioxidant status without affecting cholesterol homeostasis in orchidectomized rats. <i>Journal of Medicinal Food</i> , <b>2007</b> , 10, 49-53	2.8	20
137	CIRCADIAN CLOCK-ASSOCIATED1 Controls Resistance to Aphids by Altering Indole Glucosinolate Production. <i>Plant Physiology</i> , <b>2019</b> , 181, 1344-1359	6.6	20
136	Antioxidants of 15 onions with white, yellow, and red colors and their relationship with pungency, anthocyanin, and quercetin. <i>LWT - Food Science and Technology</i> , <b>2015</b> , 63, 108-114	5.4	19
135	Effect of harvest time on the levels of phytochemicals, free radical-scavenging activity, Amylase inhibition and bile acid-binding capacity of spinach ( <i>Spinacia oleracea</i> ). <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 3468-3477	4.3	19
134	Ethylene degreening modulates health promoting phytochemicals in Rio Red grapefruit. <i>Food Chemistry</i> , <b>2015</b> , 188, 77-83	8.5	19
133	Cytotoxicity of obacunone and obacunone glucoside in human prostate cancer cells involves Akt-mediated programmed cell death. <i>Toxicology</i> , <b>2015</b> , 329, 88-97	4.4	19
132	Cranberry juice improved antioxidant status without affecting bone quality in orchidectomized male rats. <i>Phytomedicine</i> , <b>2007</b> , 14, 815-20	6.5	19
131	Environmental and Genotypic Variation of Capsaicinoid and Flavonoid Concentrations in Habanero ( <i>Capsicum chinense</i> ) Peppers. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , <b>2012</b> , 47, 574-579	2.4	19
130	Comparative Metabolomics Profiling of Polyphenols, Nutrients and Antioxidant Activities of Two Red Onion ( <i>L.</i> ) Cultivars. <i>Plants</i> , <b>2020</b> , 9,	4.5	19
129	Ionizing radiation and marketing simulation on bioactive compounds and quality of grapefruit ( <i>Citrus paradisi</i> c.v. Rio Red). <i>Food Chemistry</i> , <b>2007</b> , 105, 1404-1411	8.5	18
128	Influence of pre- and post-harvest factors and processing on the levels of furocoumarins in grapefruits ( <i>Citrus paradisi</i> Macfed.). <i>Food Chemistry</i> , <b>2008</b> , 111, 387-92	8.5	18
127	Supercritical fluid extraction of limonoid glucosides from grapefruit molasses. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 6041-5	5.7	18
126	Isolation of Structurally Similar Citrus Flavonoids by Flash Chromatography. <i>Analytical Letters</i> , <b>2004</b> , 37, 3005-3016	2.2	18
125	Production system influences volatile biomarkers in tomato. <i>Metabolomics</i> , <b>2018</b> , 14, 99	4.7	17
124	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
123	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
122	Orange pulp improves antioxidant status and suppresses lipid peroxidation in orchidectomized male rats. <i>Nutrition</i> , <b>2007</b> , 23, 617-21	4.8	17

121	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
120	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
119	Grapefruit juice modulates bone quality in rats. <i>Journal of Medicinal Food</i> , <b>2008</b> , 11, 99-104	2.8	16
118	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
117	Cucurbitane-type compounds from <i>Momordica charantia</i> : Isolation, in vitro antidiabetic, anti-inflammatory activities and in silico modeling approaches. <i>Bioorganic Chemistry</i> , <b>2019</b> , 87, 31-42	5.1	15
116	Homeostatic responses of colonic LGR5+ stem cells following acute in vivo exposure to a genotoxic carcinogen. <i>Carcinogenesis</i> , <b>2016</b> , 37, 206-14	4.6	15
115	An optimized solvent extraction and characterization of unidentified flavonoid glucuronide derivatives from spinach by UHPLC-HR-QTOF-MS. <i>Talanta</i> , <b>2018</b> , 188, 763-771	6.2	15
114	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> , <b>2014</b> , 105, 36-44	4.6	15
113	In Vitro Bile Acid Binding Capacities of Red Leaf Lettuce and Cruciferous Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 8054-8062	5.7	15
112	Influence of modified atmosphere packaging on 'Star Ruby' grapefruit phytochemicals. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 1020-8	5.7	15
111	An improved HPLC method for the analysis of citrus limonoids in culture media. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 846, 385-90	3.2	15
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108	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> , <b>2019</b> , 27, 717-728	7	13
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106	Nanoencapsulation: An Advanced Nanotechnological Approach To Enhance the Biological Efficacy of Curcumin. <i>ACS Symposium Series</i> , <b>2018</b> , 383-405	0.4	13
105	Comparing carotene, anthocyanins, and terpenoid concentrations in selected carrot lines of different colors. <i>Horticulture Environment and Biotechnology</i> , <b>2020</b> , 61, 385-393	2	12
104	Chemometric characterization of 30 commercial thermal and cold processed juices using UPLC-QTOF-HR-MS fingerprints. <i>LWT - Food Science and Technology</i> , <b>2019</b> , 114, 108322	5.4	12

103	Agrobacterium-mediated transformation and shoot regeneration in elite breeding lines of western shipper cantaloupe and honeydew melons ( <i>Cucumis melo</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , <b>2012</b> , 108, 147-158	2.7	12
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101	Measurement of total phenolic content in wine using an automatic Folin-Ciocalteu assay method. <i>International Journal of Food Science and Technology</i> , <b>2014</b> , 49, 2364-2372	3.8	12
100	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> , <b>2018</b> , 83, 1569-1578	3.4	12
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48	Metabolomics-based biomarkers of Fusarium wilt disease in watermelon plants. <i>Journal of Plant Diseases and Protection</i> , <b>2020</b> , 127, 591-596	1.5	4
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31	Improved Sample Preparation and Optimized Solvent Extraction for Quantitation of Carotenoids. <i>Plant Foods for Human Nutrition</i> , <b>2021</b> , 76, 60-67	3.9	3
30	Frequent asymptomatic infection with tobacco ringspot virus on melon fruit. <i>Virus Research</i> , <b>2021</b> , 293, 198266	6.4	3
29	Nutritional Composition and Health Benefits of Various Botanical Types of Melon ( L.). <i>Plants</i> , <b>2021</b> , 10,	4.5	3
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18	Effects of genotype and production system on quality of tomato fruits and in vitro bile acids binding capacity. <i>Journal of Food Science</i> , <b>2020</b> , 85, 3806-3814	3.4	2
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2	Suppression of early colon cancer lesions by apigenin and naringenin is in part due to their downregulation of p21, TLR-4, and MCT-1 expression. <i>FASEB Journal</i> , <b>2012</b> , 26, 1023.2	0.9	
1	Plant-based antimicrobials inactivate <i>Listeria monocytogenes</i> and <i>Salmonella enterica</i> on melons grown in different regions of the United States. <i>Food Microbiology</i> , <b>2022</b> , 101, 103876	6	